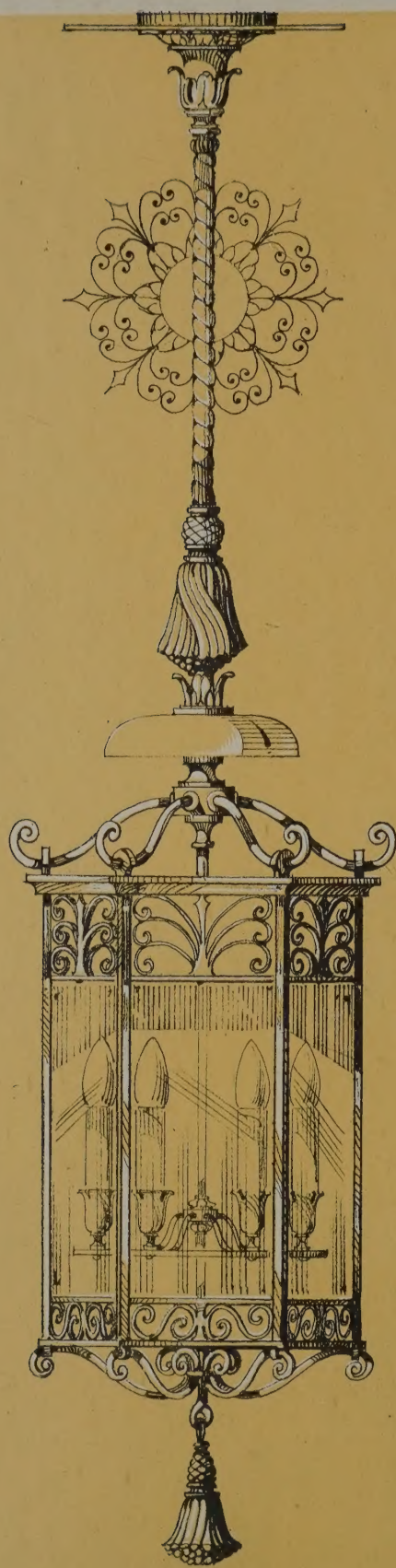




SPECIAL DESIGN
WROUGHT IRON LANTERN
SIX LIGHTS ELECTRIC

PETTINGELL-ANDREWS CO.
378 STUART ST.
BOSTON MASS.

WITHDRAWN

PRINTED IN U. S. A.
POOLE PRINTING CO., INC.
BOSTON, MASSACHUSETTS



CHURCH OF SAN NICOLA, SEGOVIA

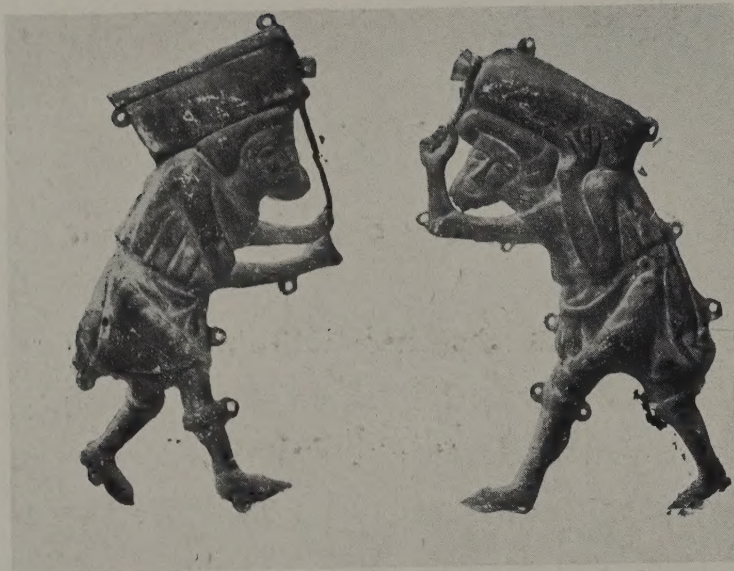
The Book
of the
BOSTON
ARCHITECTURAL
CLUB

Photographs, Water Color Drawings, Pencil
Sketches, Measured Drawings and Details of
Spanish Architecture, Sacred and Domestic,
enriched with objects of interest allied thereto



OVERSIZE
NA
2600
B55
1925

BOSTON, MASSACHUSETTS
MCMXXV



(Clixé Arxiu Mas)

ANCIENT FIGURES IN HAMMERED IRON

Copyrighted by Frederic V. Little
Executive Secretary
Boston Architectural Club
1926

Dedicated by permission to
His Excellency Don Juan Riaño
Royal Spanish Ambassador
in Washington



(Clisé Arxiu Mas)

THE ANNUNCIATION, CATALAN, XV CENTURY

IT be-
to
af

Offham,



Spain

A Phantasy



(Clixé Arxiu Mas)

KEYSTONE FROM THE CATHEDRAL OF BARCELONA



THE ALHAMBRA, GRANADA



VIEW AT TOLEDO



CATHEDRAL AT CORDOVA WITH TOWER



TYPICAL SPANISH VIEW



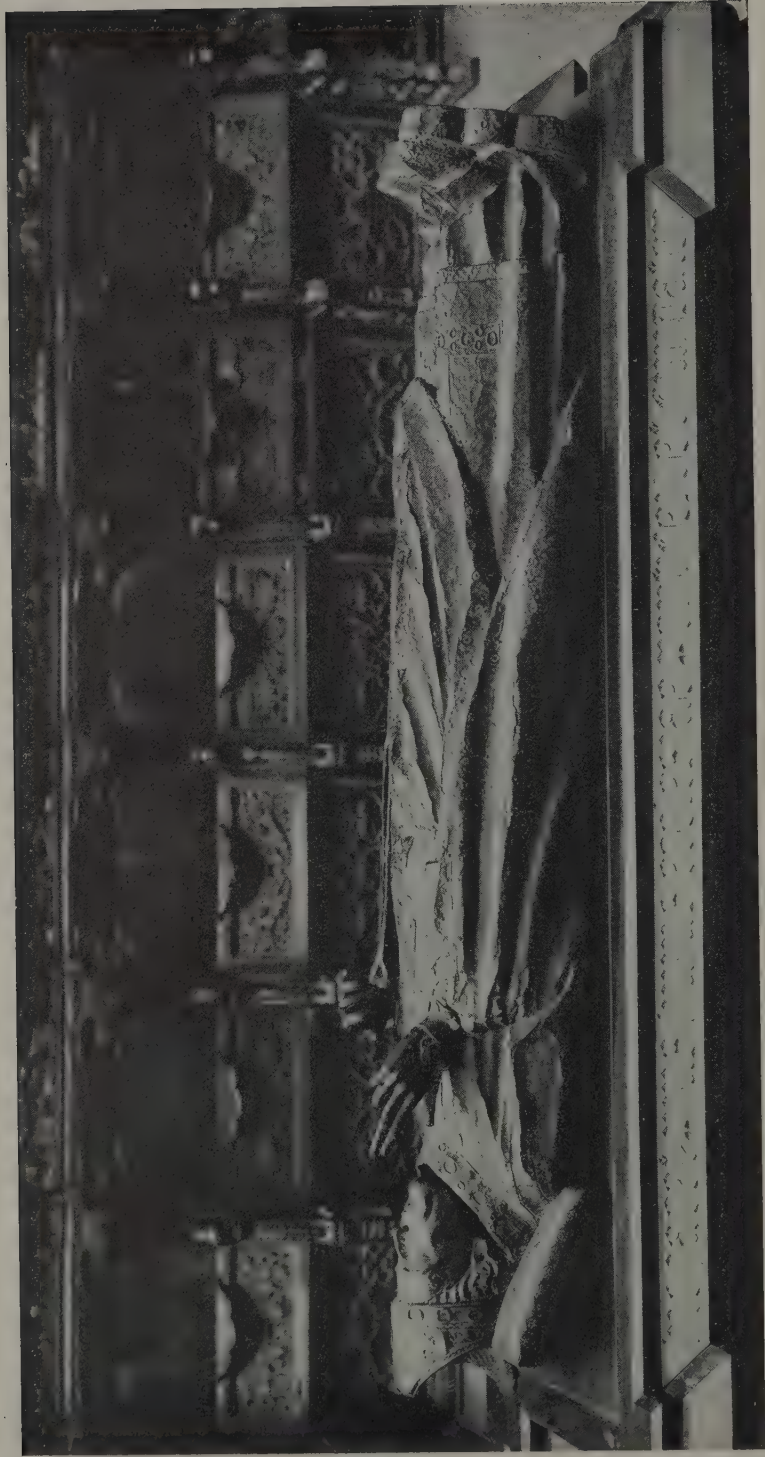
CLOSER DETAILS



PULPIT OF SAN JUAN DE LOS REYES, TOLEDO



INTERIOR, SAN JUAN DE LOS REYES, TOLEDO



TOMB OF DON MAURICIO, BISHOP AND FOUNDER BURGOS CATHEDRAL



DETAIL OF PANTHEON OF THE INFANTA DON ALFONSO, CATHEDRAL AT BURGOS



(Clot Arxiu Mas)

PANEL FROM CATALAN RETABLO



CLOISTER, SAN JUAN DE LOS REYES, TOLEDO



OLD CATHEDRAL, SALAMANCA



TORO CATHEDRAL



REJA OF WROUGHT IRON WORK, ROYAL TOMBS, GRANADA CATHEDRAL



(Clisé Arxiu Mas)

KEYSTONE OF ST. GEORGE AND THE DRAGON



(Clisé Arxiu Mas)

CHAPEL OF THE COUNTS OF BARCELONA, NOW AN ECCLESIASTICAL MUSEUM



PENCIL SKETCH BY ISIDOR RICHMOND, THE ROTCH, 1923-25



(Cloté Arxiu Mas)

COLLEGIATE CHURCH OF MANRESA



(Clizé Arxiu Mas)

HIGH ALTAR, COLLEGIATE CHURCH, MANRESA



(Clisé Arxiu Mas)

APSE OF GERONA CATHEDRAL



(Clizé Arxiu Mas)

INTERIOR, PALMA CATHEDRAL



(Clisé Arxiu Mas)

NORTH AISLE, MANRESA



(Clixé Arziu Mas)

CHOIR OF MANRESA



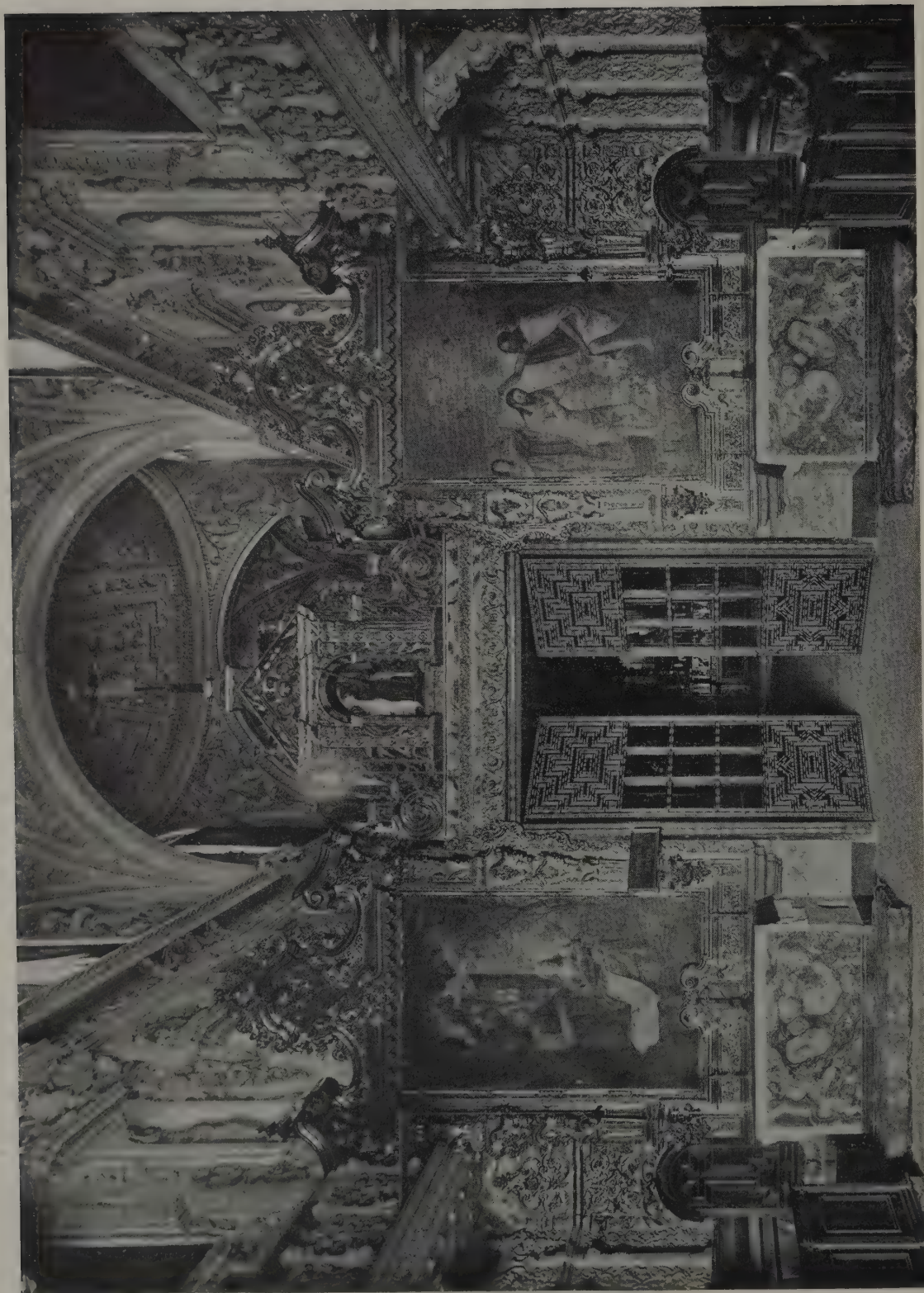
(Clixé Arxiu Mas)

DETAIL OF THE SILVER RETABLO, GERONA CATHEDRAL

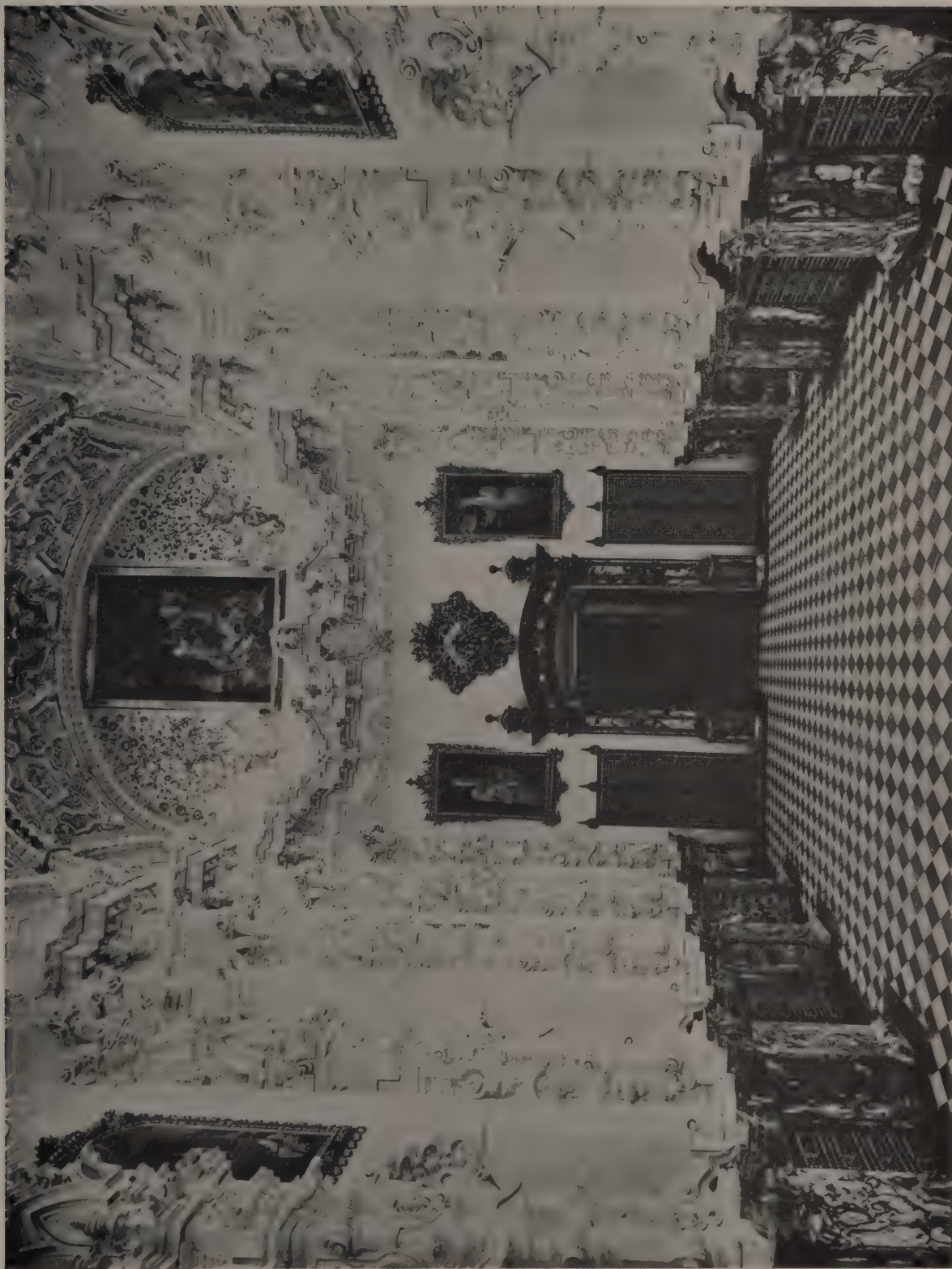


(Clot Arxiu Mas)

THE LAST SUPPER, CATALAN SCHOOL.



THE CARTUJA, GRANADA, THE TRASCORO



THE CARTUJA, GRANADA, INTERIOR OF THE SACRISTY



GILDED WOOD RETABLO, MONASTERY OF MIRAFLORES, NEAR BURGOS



ORGAN, NUESTRA SEÑORA DEL PILAR, SARAGOSSA



(Clisé Arxiu Mas)

NAVE, GERONA CATHEDRAL



DETAILS, CHAPEL OF THE CONDESTABLE, CATHEDRAL OF BURGOS



STONE WIND MILLS AT TUCA, MALLORCA

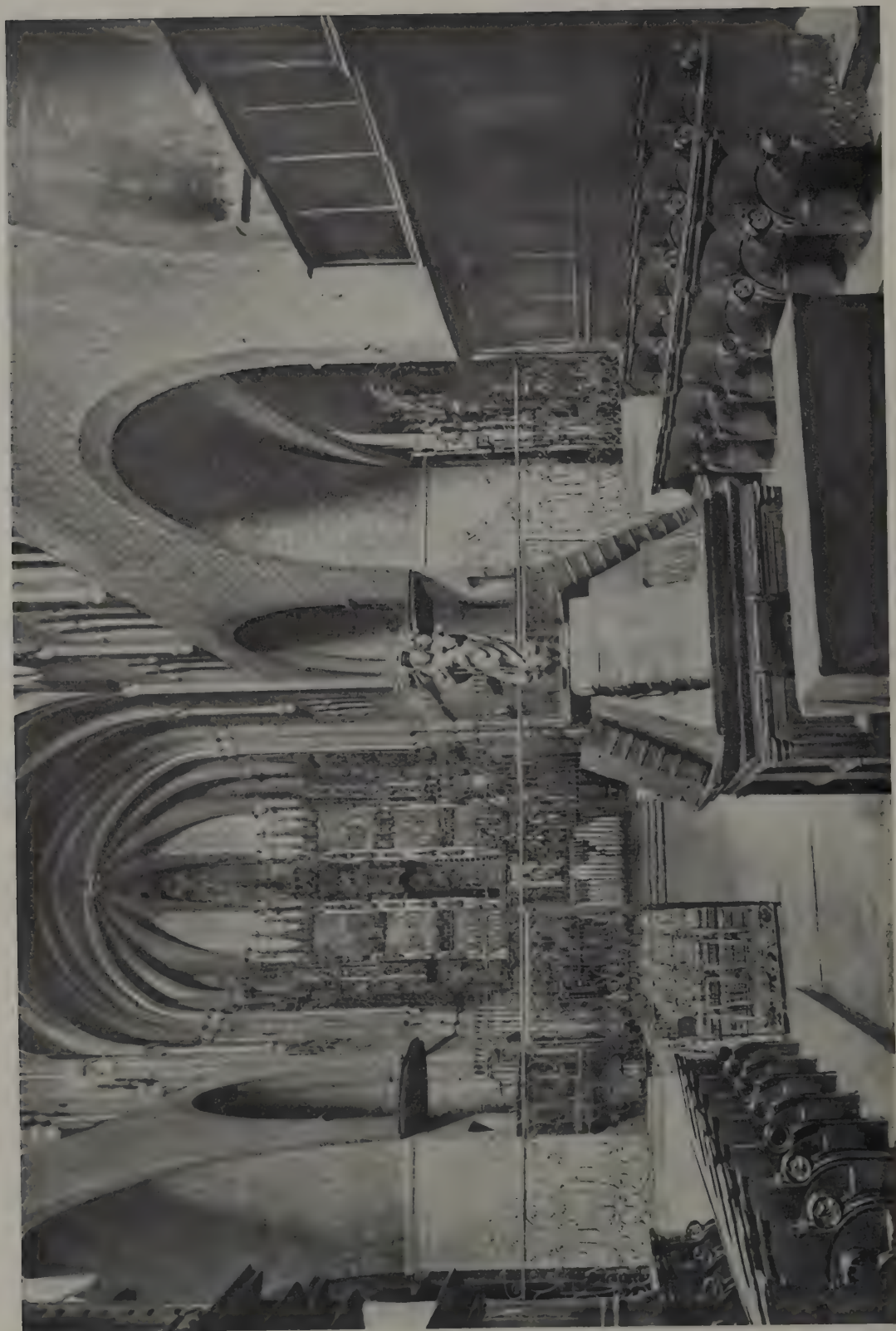


CLOISTER, MONASTERY OF SANTOS CREUS



(Clixé Arxiu Mas)

ALTAR PIECE, CATALAN SCHOOL



(Cliff Arxius Mas)

CHOIR OF SAN FELIX, GERONA



(Clizé Arxiu Mas)

INTERIOR, BARCELONA CATHEDRAL



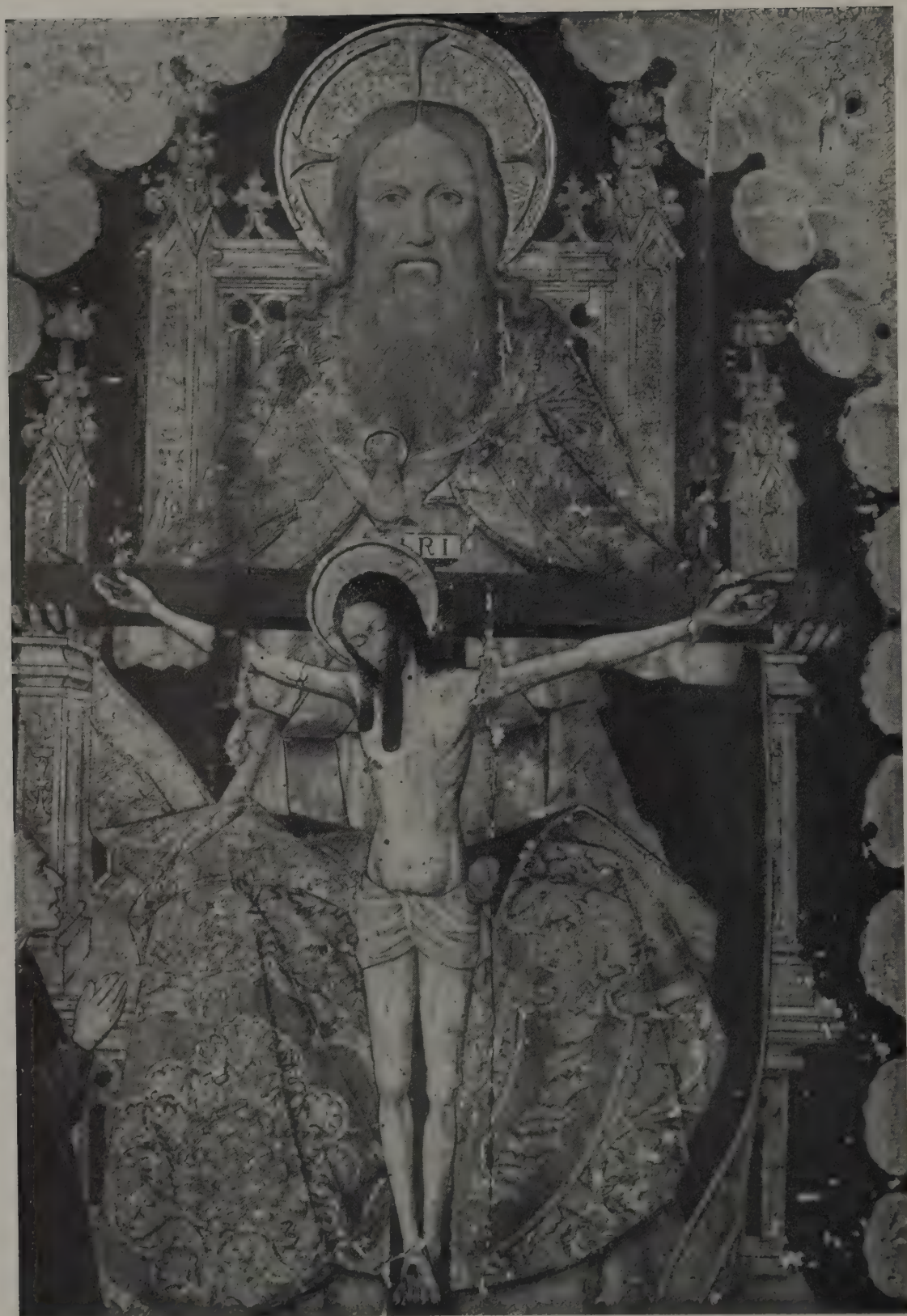
(Clixé Arxiu Mas)

DETAIL OF RETABLO, CHURCH OF SAN FELIX, GERONA



(Clisé Arxiu Mas)

DETAIL OF RETABLO, CHURCH OF SAN FELIX, GERONA

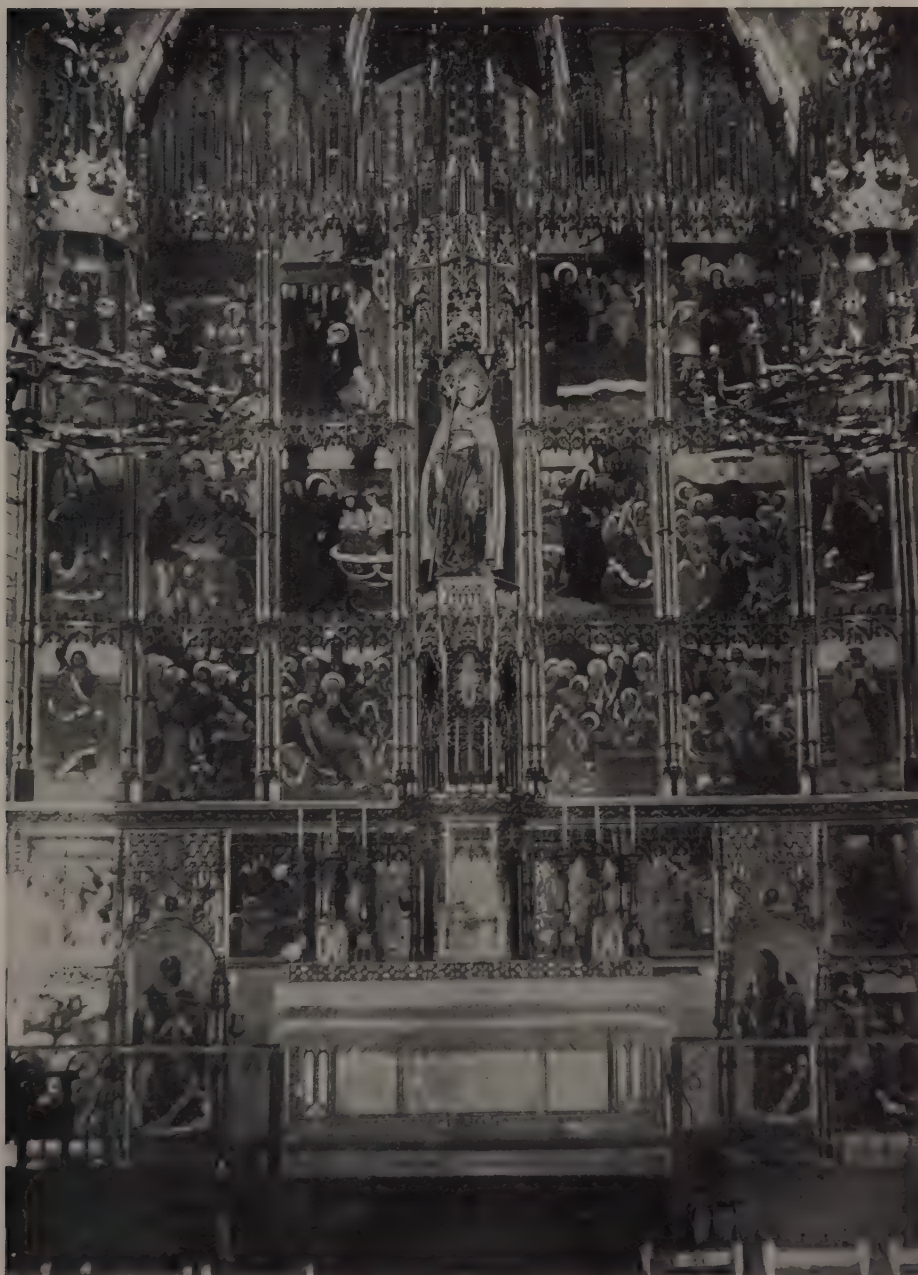


(Clisé Arxiu Mas)

RETABLO OF HOLY TRINITY, MANRESA COLLEGIATE CHURCH



PALMA CATHEDRAL



(Clixé Arxiu Mas)

A TYPICAL CATALAN RETABLO



(Clitè Arxiu Mas)

ST. VINCENT IN PRISON, CATALAN SCHOOL



(Clixé Arziu Mas)

ENAMEL MISSAL COVER FROM PALMA CATHEDRAL



CHAPEL, TARRAGONA CATHEDRAL



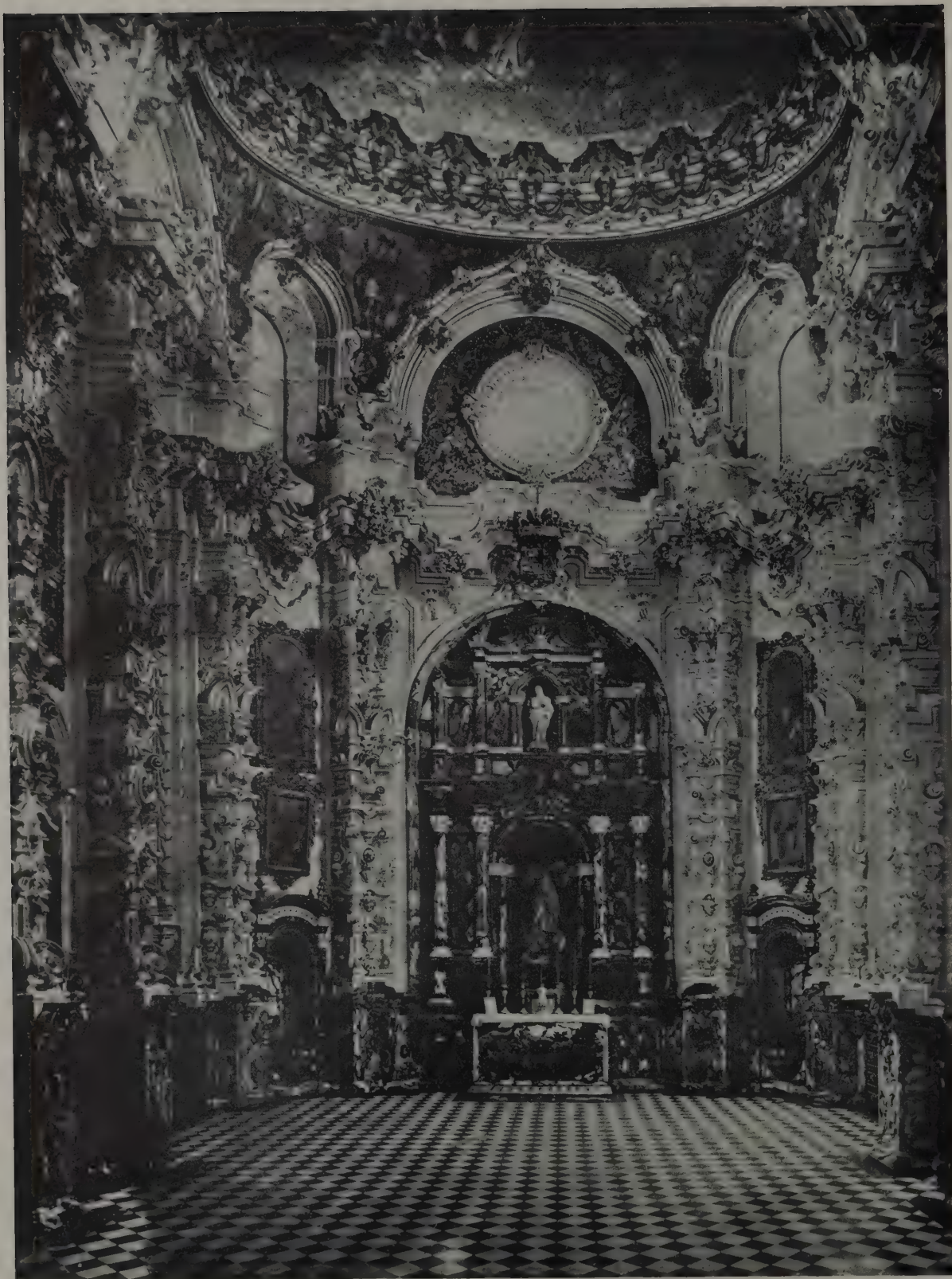
(Clot Arxiu Mas)

SANCTUARY, BARCELONA CATHEDRAL



(Clixé Arxiu Mas)

SANCTUARY, GERONA CATHEDRAL



SACRISTY OF CARTUJA AT GRANADA



TOWN AND CATHEDRAL, SEGOVIA, BY ISIDOR RICHMOND, THE ROTCH, 1923-25



CHURCH OF SAN NICOLA, SEGOVIA, BY ISIDOR RICHMOND, THE ROTCH, 1923-25



Courtesy R.A. Cram

PALMA CATHEDRAL



(Clixé Arxiu Mas)

THE RESURRECTION, BARCELONA CATHEDRAL



(Clisé Arxiu Mas)

ALTAR FRONTAL FROM PROVINCE OF LERIDA



(Clixé Arxiu Mas)

DETAIL OF THE UPPER PORTION OF THE SILVER RETABLO, GERONA CATHEDRAL



(Clixé Arxiu Mas)

DETAIL OF THE SILVER RETABLO, GERONA CATHEDRAL



PERPIGNAN CATHEDRAL



XVIII CENTURY CATALONIAN SAGRARIO



(Clisé A. von Maa)

METAL COVER TO BOOK OF GOSPELS, RONCESVALLES



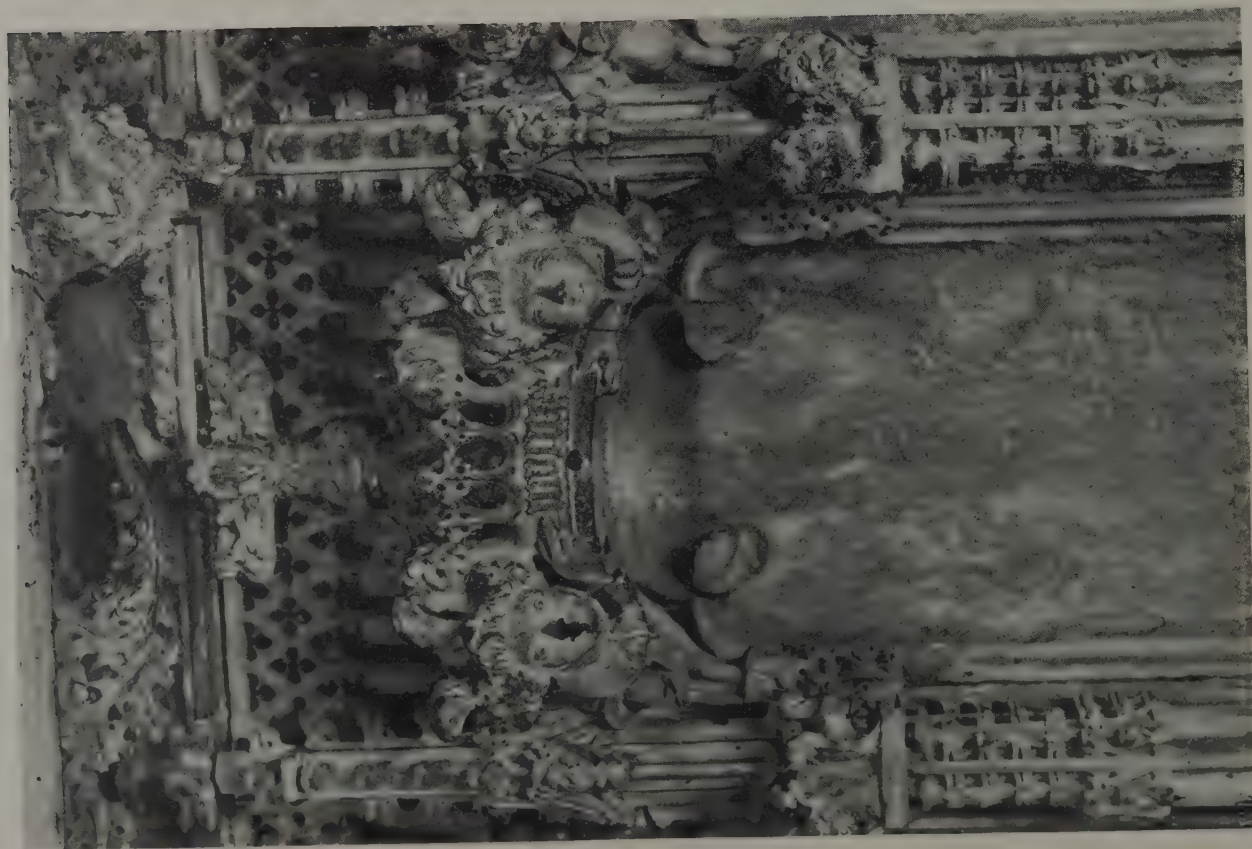
(Clisé A. von Maa)

SILVER COVER FOR BIBLE, FROM OVIEDO



SCULPTURE FROM MANRESA

(Clotó Arxiu Mas)



DETAIL OF THE TOMB OF RAMON IULL

(Clotó Arxiu Mas)



(Clixé Arxiu Mas)

ALTAR PIECE, CATALAN SCHOOL



TARRAGONA CATHEDRAL



CHURCH OF SAN FRANCISCO, PALMA



(Gift Arslan Mas)
DOORWAY FROM PALACE OF THE GENERALIDAD, BARCELONA



(Clive Arzu Mas)

SCULPTURE FROM SANTA MARIA DEL MAR, BARCELONA



(Clive Arzu Mas)

SILVER RELIQUARY FROM OVIEDO



(Clisé Arxiu Mas)

REREDOS DETAIL, BARCELONA CATHEDRAL



(Clixé Arxiu Mas)

HERALDIC KEYSTONE, PALACE OF THE GENERALIDAD



(Clixé Arxiu Mas)

SCULPTURE FROM THE PALACE OF THE GENERALIDAD, BARCELONA



GERONA CATHEDRAL



SANTA MARIA DEL PINO



SEVILLE CATHEDRAL



PALMA CATHEDRAL



BARCELONA CATHEDRAL.



BARCELONA CATHEDRAL.



STALLS, BARCELONA CATHEDRAL



PULPIT, BARCELONA CATHEDRAL



(Clips & Arxiu Mas)

DETAIL OF THE STALLS OF THE KNIGHTS OF THE GOLDEN FLEECE,
BARCELONA CATHEDRAL



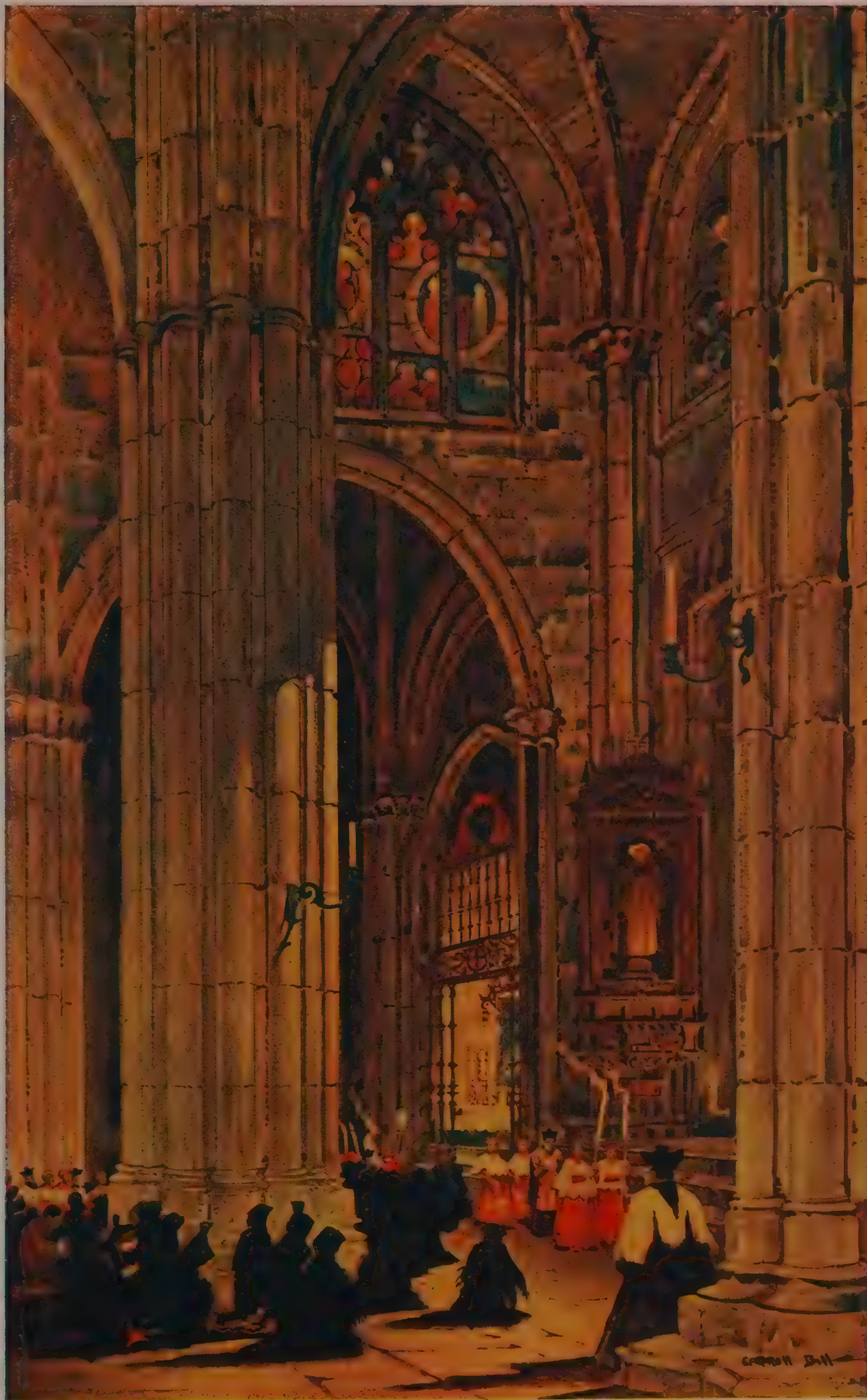
(Clixé Arxiu Mas)

DETAIL OF THE STALLS OF THE KNIGHTS OF THE GOLDEN FLEECE,
BARCELONA CATHEDRAL



Pencil Sketch by Isidor Richmond, The Rotch, 1923-25

TOWER OF CATHEDRAL AT LEÓN



TOLEDO, SPAIN. INTERIOR OF THE CATHEDRAL
Water Color by Carroll Bill



(Clivé Arxiu Mas)

DETAIL OF CATALAN RETABLO



Sketch by Isidor Richmond, The Rotch, 1923-25

MESQUITA, ALHAMBRA, GRANADA

SPANISH DOMESTIC ARCHITECTURE

By WALTER H. KILHAM, F.A.I.A.

In practically all countries during the Middle Ages, wars and uprisings were prevalent and the dwellings of the peaceful burghers, as well as those of the fighting class, were designed to offer stiff resistance to attack from the outside. In Spain this type persisted long after the manor houses of England and France had outgrown their fortress-like character and developed into modern types, much like those of the present time in respect to exterior openings and provision for light and air.

In Spain, the typical houses continued to face inwards on a court or patio, leaving the street façades frequently almost blank as far as windows were concerned, and pierced by a single great doorway treated with arch or lintel as the case might be, the stones of which were exaggerated in size beyond all structural importance. This doorway was closed by massive oaken doors, studded with the ornamental heads of great iron bolts and fastened with a formidable lock. A dark passage called the "zaguan" led under the front block of the house to the patio. This was ordinarily paved with flags or cobbles and the heavy wooden beams were exposed above the ceiling.

All the life of the family went on in the patio. The living apartments were in the upper stories, the ground floor being reserved for storage and service. A light and graceful gallery was carried around at the second floor level, and another at the third floor if the mansion had one. This gallery construction was usually carried out with columns and beams of stone—as at the Casa Polentina at Avila, or the Casa de Miranda at Burgos, but generally stone pillars supported a wooden gallery beam, the load being transmitted to the capitals by elaborately carved pillow blocks. Somewhere at the side or in the corner of the patio there was a capacious stairway, treated in the finer houses with a good deal of elaboration.

An interesting variant of the lintel type of patio is that which was adopted by the architects of Palma de Mallorca where the courtyard walls of the high built palaces are carried on four wide span, rather flat arches, resting on sturdy stone pillars at the corners. These splendid courtyards are further developed with magnificent stairways and graceful loggias in a more sophisticated manner than most of those on the mainland.

The room plans were simple and ingenuous, consisting mostly of cubicles deriving air and light from the patio, and to some extent from the street or rear courts.

In those important houses which had a third story, an open gallery or loggia at the top formed a significant and highly ornamental feature, where the ladies of the family could take the air free from observation and the disturbances of the street. The Palacio de Monterey at Salamanca has one of the finest examples of these but the Casa de Correos at Segovia contains a good illustration of this feature on a smaller scale.

Iron balconies over the street came in time to be added, shaded by a curtain which allowed only a sidewise view, and these were (and are) much used by the dark-eyed Spanish ladies as a place for needlework and maybe a surreptitious smile at the wandering architect who snaps his kodak in their direction.

In the north of Spain the balconies are multiplied and enclosed with modern glass "miradors", sometimes several stories high, very comfortable but too reminiscent of American sleeping porches to be picturesque.

The use of tiles, both plain and glazed, is an important detail of the Spanish house. These are used for floors, stairs, dadoes, trim for openings, kitchen shelving and every conceivable purpose, the louder in pattern the better, and any one who is designing a house which is to be truly Spanish ought to bear this in mind, for tiles are of the essence of the subject.

Characteristic elements of Spanish façades are the enormous voussoirs, sometimes seven feet long, used for arched portals, the similarly exaggerated stone lintels, and notably the enclosing label mouldings, sometimes extending up to include a window above, undoubtedly a legacy from the Moors, who always enclosed their ornament in a like manner. Generally most of the decoration of the façade was concentrated at the entrance, but there are a number of houses such as the Casa de los Picos at Segovia, illustrated herewith, and the Casa de las Conchas at Salamanca, whose fronts are treated with an all-over application of bosses, shells or whatever, characteristic but not very beautiful.

¹⁰ After enumerating all these ornaments, the most striking of all (and the most difficult of application to modern work) remains. I refer to the great escutcheons or coats of arms which few Spanish houses lack. With no references to scale, these gorgeous affairs, sometimes a story high, and two or three of them to a house, are a true index of the style. With them almost any house might be called Spanish; without them no house could truly be. They are traditional, indigenous and inimitable.

The country houses and farms likewise possess great interest and are found in all sorts of materials, stone, stucco and half-timber. The most fascinating types that I have seen are in the north, but they occur all through the country and some of the best are in the Island of Mallorca. In most of them blank wall space is an important feature and very few are supplied with windows to anything like the extent demanded in America.

The kitchens, with their built in tiled stoves, great hoods, chimney seats and tiled shelves, are extremely picturesque and full of interest, and from a practical standpoint generally produce a better cooked meal than their American counterparts.

As a field for sketching, Spain is almost unrivalled in its extent of unworked territory, for only a small part of its architectural treasures have been published; while the agreeable and hospitable nature of its inhabitants contributes greatly to the pleasure of a summer sojourn there.



Photographed by W. H. Kilham
HOUSE WITH DECORATED STUCCO FRONT, SEGOVIA



(Clixé Arxiu Mas)

OLD MILL, GERONA

Photographed by W. H. Kilham



(Clixé Arxiu Mas)

MANOR HOUSE, PONTEVEDRA

Photographed by W. H. Kilham



(Cliff Arzu Mas)

OLD HOUSE, PROVINCE OF NAVARRA



(Cliff Arzu Mas)

HOUSE CALLED LA MANGIA, PROVINCE OF BARCELONA



(Clot Arxiu Mas)

PRIVATE HOUSE, PROVINCE OF BARCELONA



(Clot Arxiu Mas)

HOUSE IN BARCELONA



(Click Arçiu Mas)

OLD HOUSE, PROVINCE OF GERONA



A PATIO IN SEGOVIA



(Clisé Arxiu Mas)

OLD HOUSE, PROVINCE OF BARCELONA



(Clisé Arxiu Mas)

OLD HOUSE, PROVINCE OF BARCELONA



GARDEN OF CHARLES V, ALCAZAR, SEVILLE



GENERAL VIEW, EXTERIOR DE GENERALIFE, GARZON, GRANADA



GATEWAY OF COUNTRY HOUSE, MALLORCA



DOORWAY, CHURCH OF MONTESION, PALMA
DE MALLORCA



DOORWAY, HOUSE OF EL GRECO



CLOISTER OF SAN PABLO, BARCELONA



DETAILS OF BYZANTINE CAPITALS, SAN PABLO



GARDEN OF THE GENERALIFE, GRANADA



GALLERY, HOUSE OF PILATOS, SEVILLE



STAIRWAY, HOUSE OF PILATOS, SEVILLE



KITCHEN IN HOUSE OF EL GRECO, TOLEDO



Photographed by W. H. Kilham

FARM HOUSE, MALLORCA



Photographed by W. H. Kilham

FARM HOUSE, GENOVA, MALLORCA



Photographed by W. H. Kilham

OLD HOUSE, SEGOVIA



Photographed by W. H. Kilham

CASA DEL GRECO, TOLEDO



Photographed by W. H. Kilham
BALCONY IN TOLEDO



Photographed by W. H. Kilham
DOORWAY, AVILA



Photographed by W. H. Kilham
OLD HOUSE, SEGOVIA



Photographed by W. H. Kilham
CHURCH DOOR, TOLEDO



FARM HOUSE KITCHEN, MALLORCA



FARM HOUSE AND YARD, MALLORCA



Photographed by W. H. Kilham



Photographed by W. H. Kilham

STREET IN SEGOVIA



INNER COURTYARD, HOUSE OF MONDRAGON



PATIO OF THE INQUISICION HOUSE, GRANADA



COURTYARD, MAD HOUSE, GRANADA



COLONNADE, MAD HOUSE, GRANADA



INTERIOR, LONGE, PALMA DE MALLORCA



FAÇADE OF ALPUENTE PALACE, SEGOVIA



FOUNTAIN AT POLLENSA



HOUSE OF JUAN BRAVO, SEGOVIA



TARRAGONA CATHEDRAL



SCREEN, PALMA CATHEDRAL



ALHAMBRA, GRANADA, PUERTO DEL VINA



ENTRANCE TO CHURCH OF SAN PAULA, SEVILLE



FARM HOUSE AT MALLORCA



KITCHEN, FARM HOUSE, MALLORCA



INTERIOR, FARM HOUSE, POLLENSA



PATIO OF THE HOUSE OF DON ALVARO DE LUNA, SEGOVIA



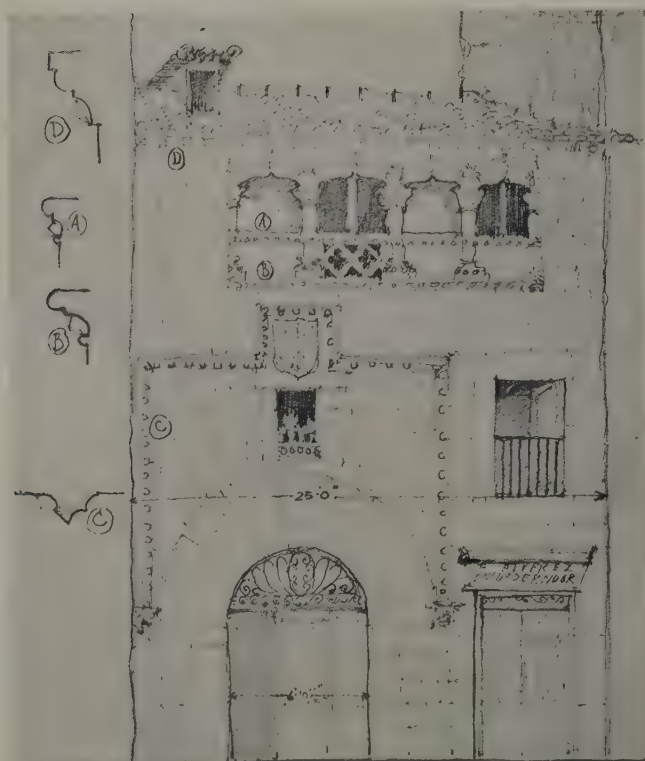
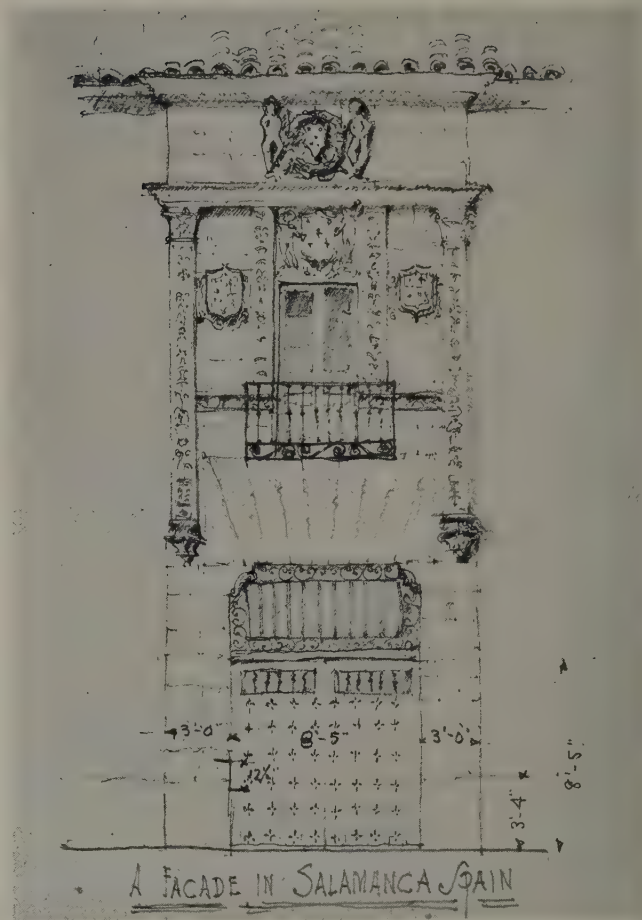
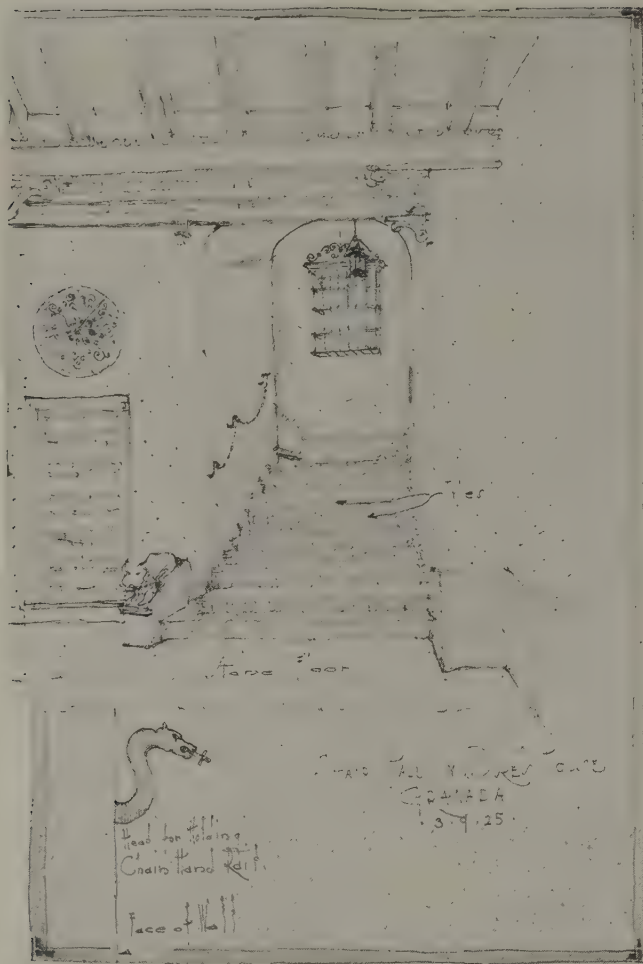
PATIO, PALACIO DE MOVELL, PALMA DE MALLORCA



PATIO, PALACIO DE MAROTO, PALMA DE MALLORCA



CLOISTER, PALMA DE MALLORCA



Note! This house is drawn to scale in the Arch. Ass. sketch Book (English) Plate 71 Vol. 5 - 1901

Built 1725 About 1521





INTERIOR OF COUNTRY HOUSE AT GENOVA



INNER COURTYARD, HOUSE AT MONDRAGON



UNDER TRELLIS, MALLORCA



PATIO OF THE EVENUTA, VALDEMOSA



INTERIOR OF COUNTRY HOUSE, MALLORCA



PATIO OF COUNTRY HOUSE, MALLORCA



Courtesy of Mr. Gordon Allen

XVIII CENTURY SOFA, CATALONIAN



Courtesy of Mr. Gordon Allen

XVIII CENTURY SCREEN, MAJORCAN



Courtesy of Mr. Gordon Allen

XVII CENTURY TABLE, SPANISH



Courtesy of Mr. Gordon Allen

XVII CENTURY CHEST, SPANISH



XVII CENTURY RED AND GOLD CHAIR, MAJORCAN

PAIR XVII CENTURY CANDLESTICKS, SILVER AND GILT, SPANISH

All through courtesy of Mr. Gordon Allen



WOOD AND BRASS BRAZIER, SPANISH



SPINDLE-BACK SPANISH WALNUT CHAIRS
WITH CUSHIONS



XVI CENTURY SPANISH LEATHER AND
WALNUT ARM CHAIR



All through courtesy of Mr. Gordon Allen



XVI CENTURY SPANISH WALNUT TABLE



XVII CENTURY MAJORCAN TABLE



VERY OLD TABLE, CHAIRS AND ANDIRONS



XVII CENTURY BOTTLES

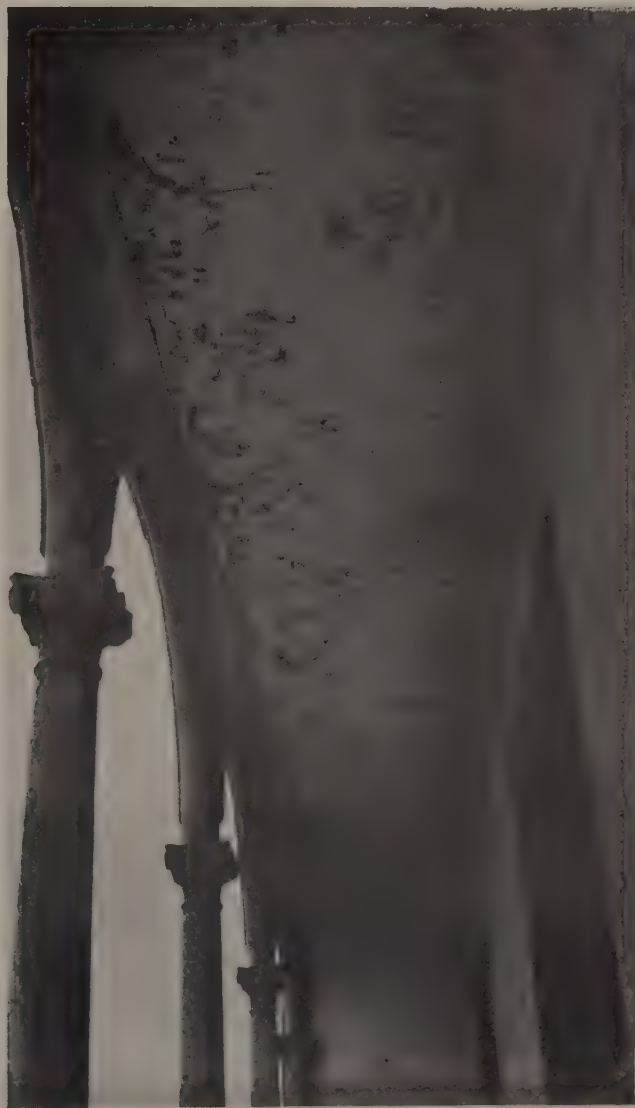


EXAMPLES OF XVI AND XVII CENTURY OIL AND WATER JARS

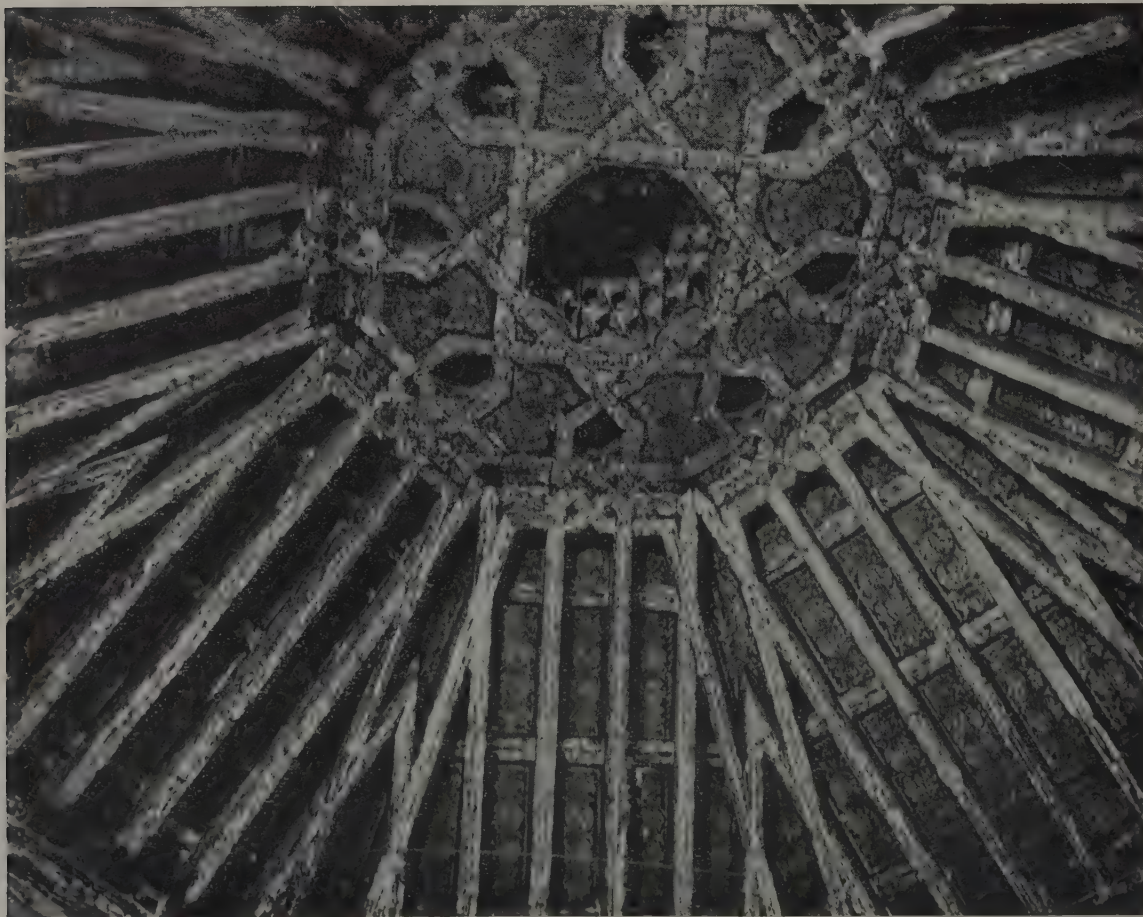
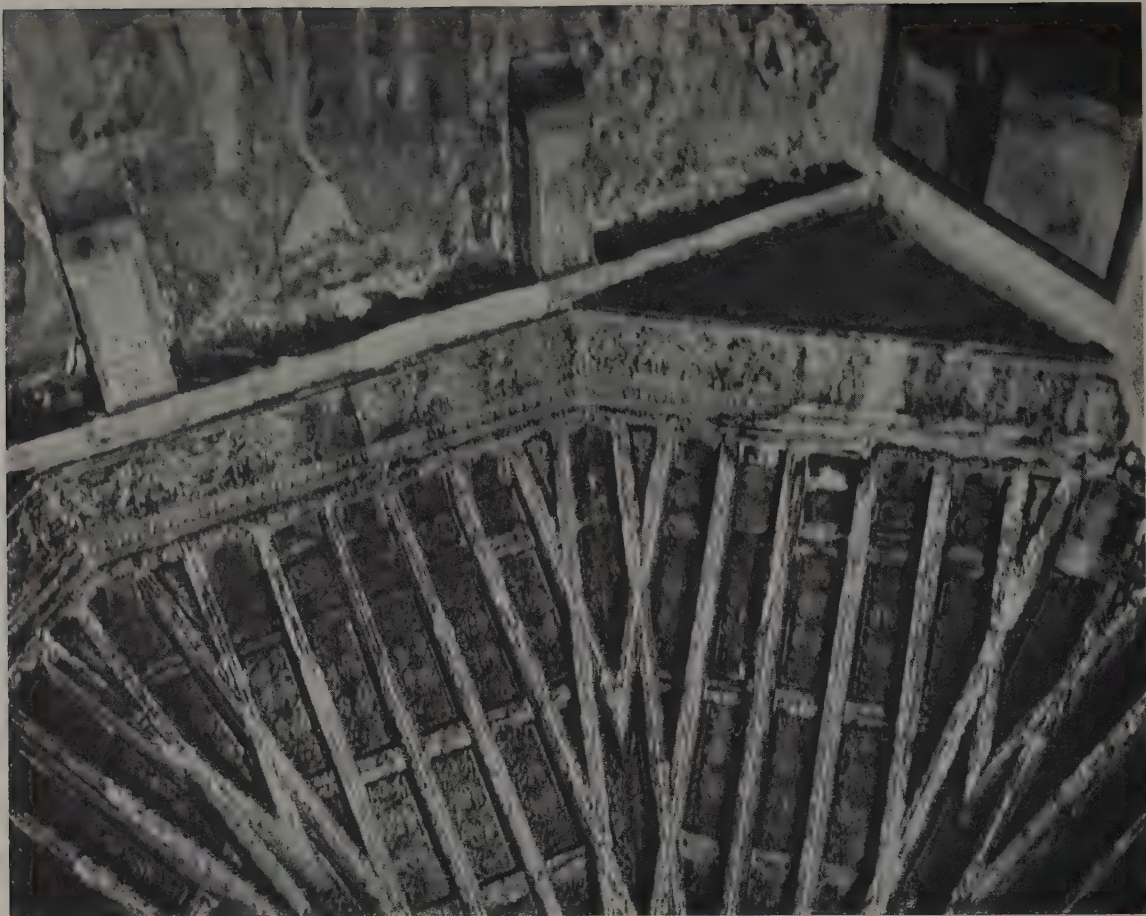


(Clixé Arxiu Mas)

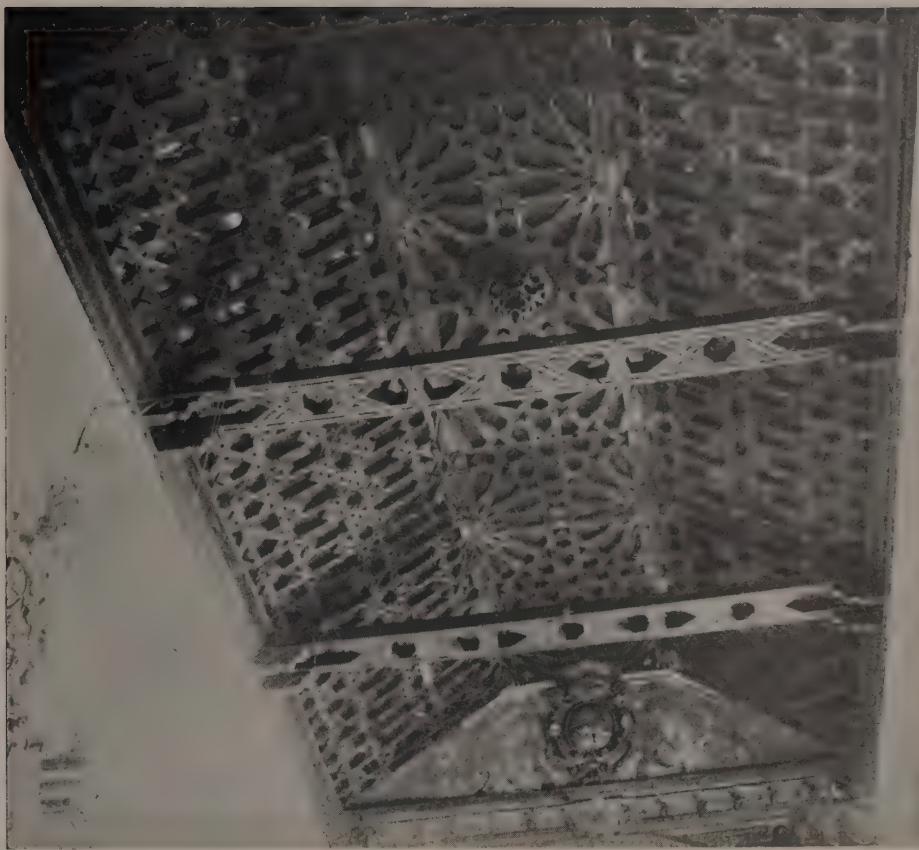
DETAIL OF THE CITY HALL, BARCELONA



LOGGIA CEILING, PALACE OF THE MARQUIS OF SOLLERICH, PALMA, MAJORCA



DETAILS OF THE DOME OVER GATEWAY, CITY OF BURGOS



CEILING, CHURCH OF SAN PAULA, SEVILLE



DOME OVER STAIRWAY, HOUSE OF PILATOS, SEVILLE



DETAIL, GOTHIC, FROM PALACE OF ZAGAL, GUADIX



DETAIL, GOTHIC RENAISSANCE, CEILING FROM PALACE OF ZAGAL, GUADIX



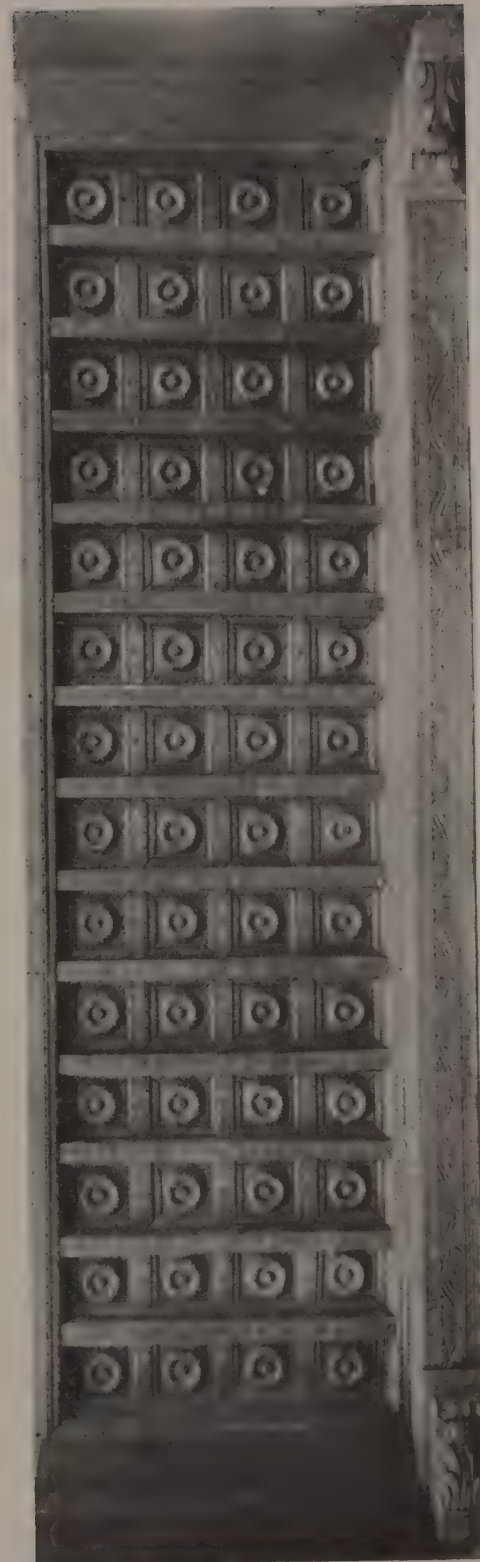
DETAILS OF CEILING



DETAIL OF OLD CHURCH RAIL
CARVED IN STONE



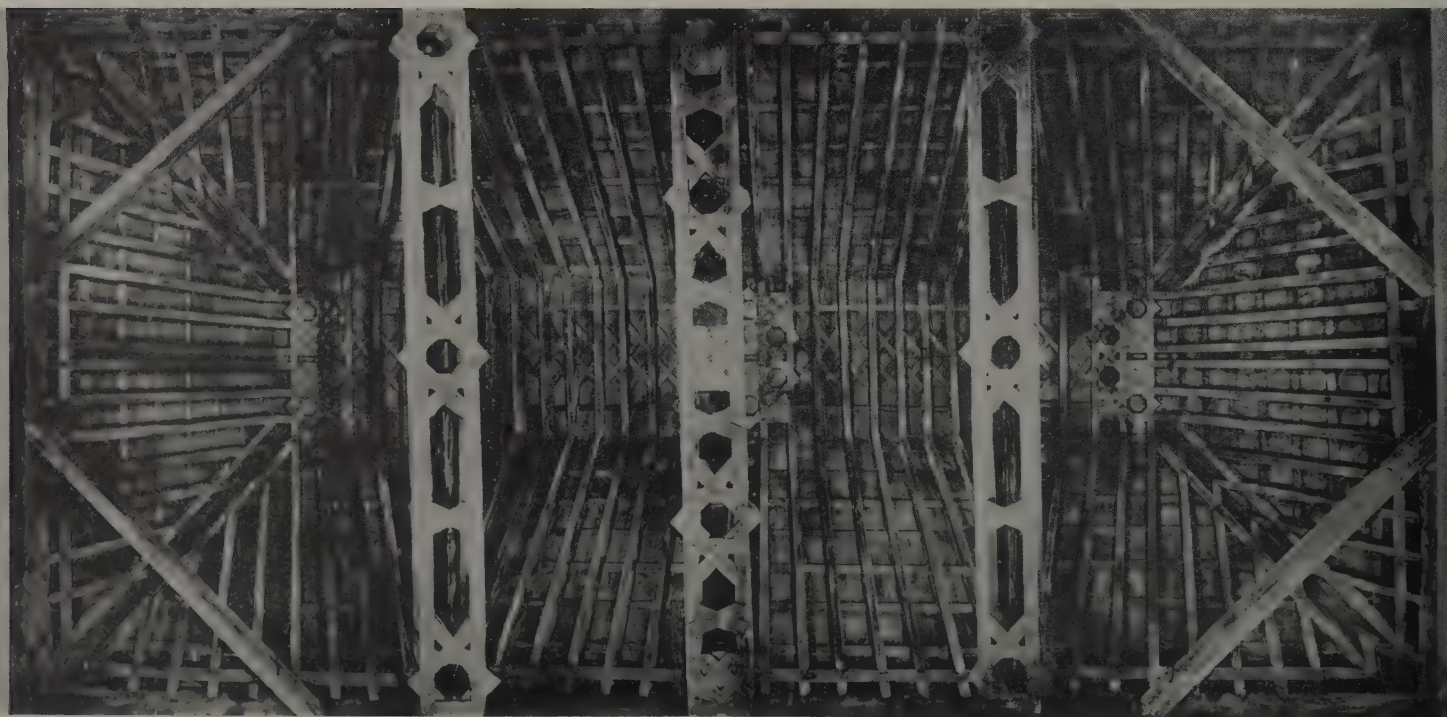
VERY OLD JAR AND WROUGHT
IRON STAND



PALACE DEL ZAGAL, GUADIX



SECTION, WITH BEAMS, CEILING FROM PALACE DEL ZAGAL, GUADIX, EARLY RENAISSANCE



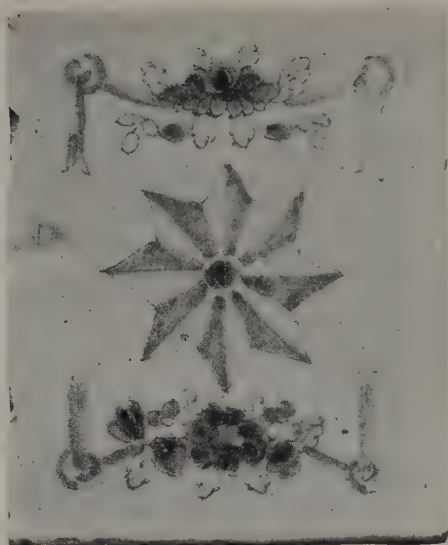
DETAIL OF ROOF CONSTRUCTION, PALACE DEL ZAGAL, GUADIX, MOORISH



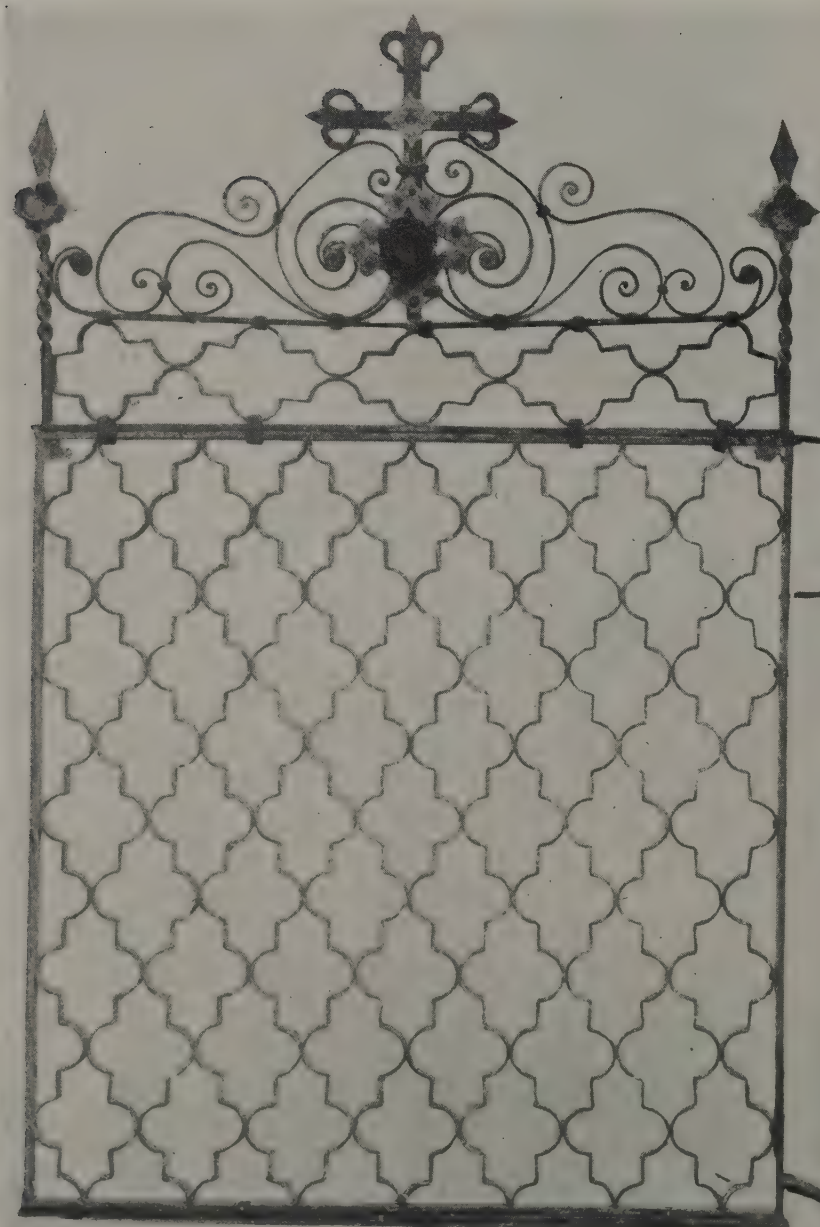
POLYCHROME, PALACE DEL ZAGAL, GUADIX, MOORISH



CEILING DETAIL WITH COLORED STALACTITE, PALACE DEL ZAGAL, GUADIX, MOORISH



XVII CENTURY TILES FROM PALACE OF DUKE OF CADIZ



A

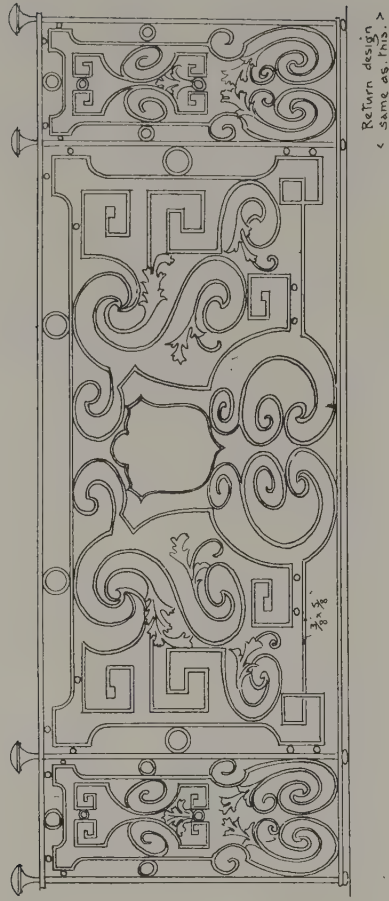


B

VERY OLD WROUGHT IRON GATES



ANTIQUE WROUGHT IRON WORK

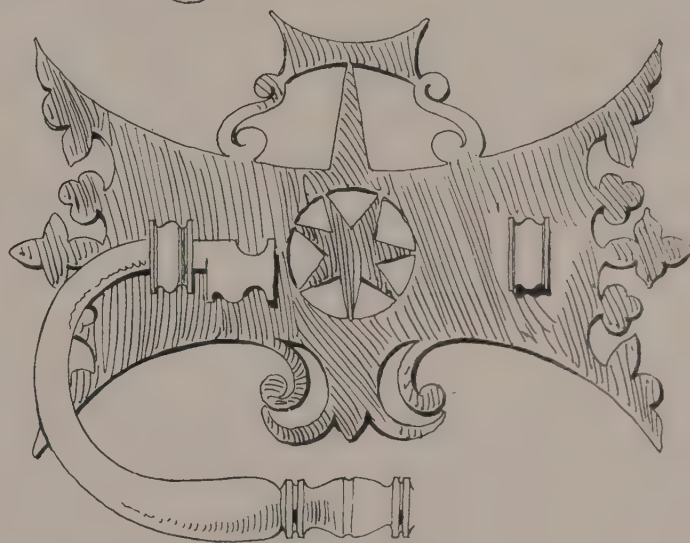
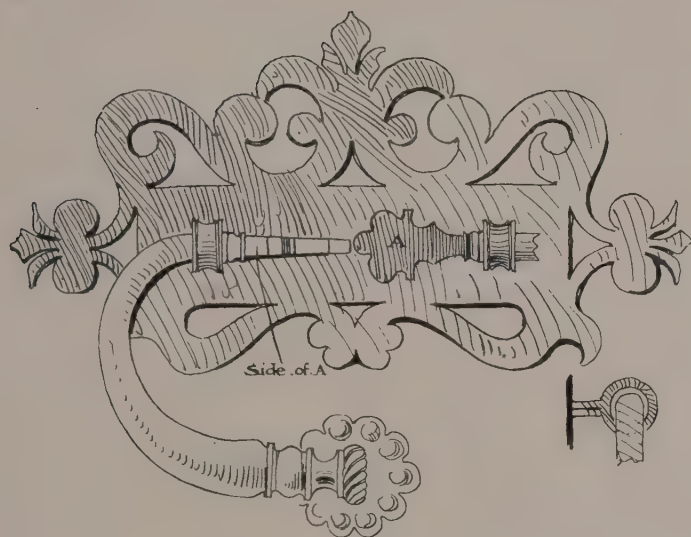
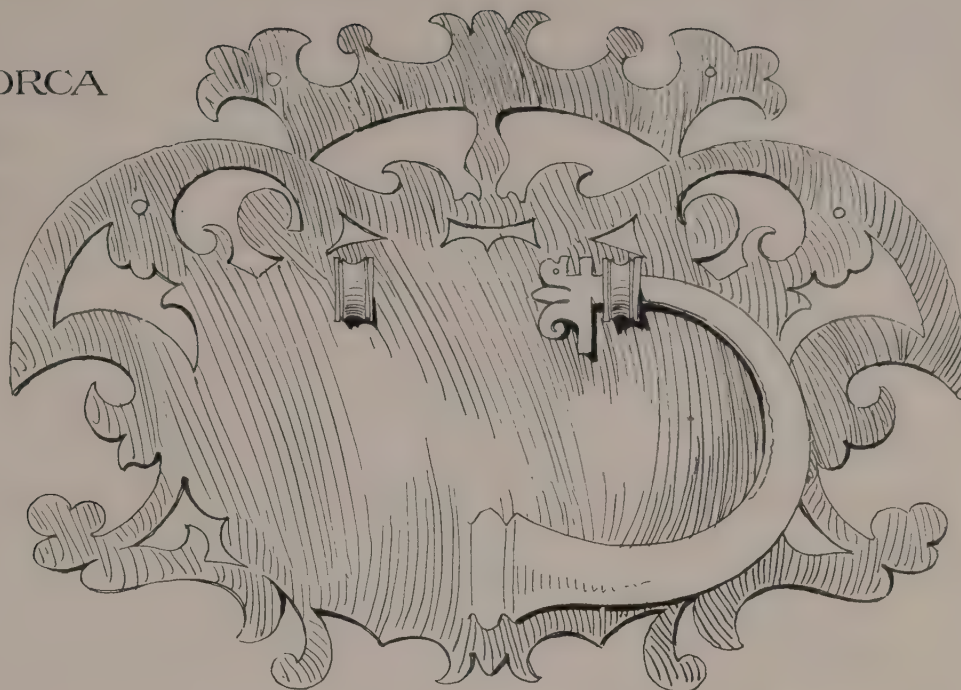


PALMA MAJORCA EXAMPLES OF WROUGHT-IRON BALCONIES

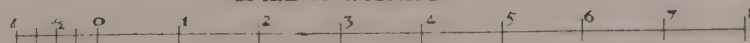


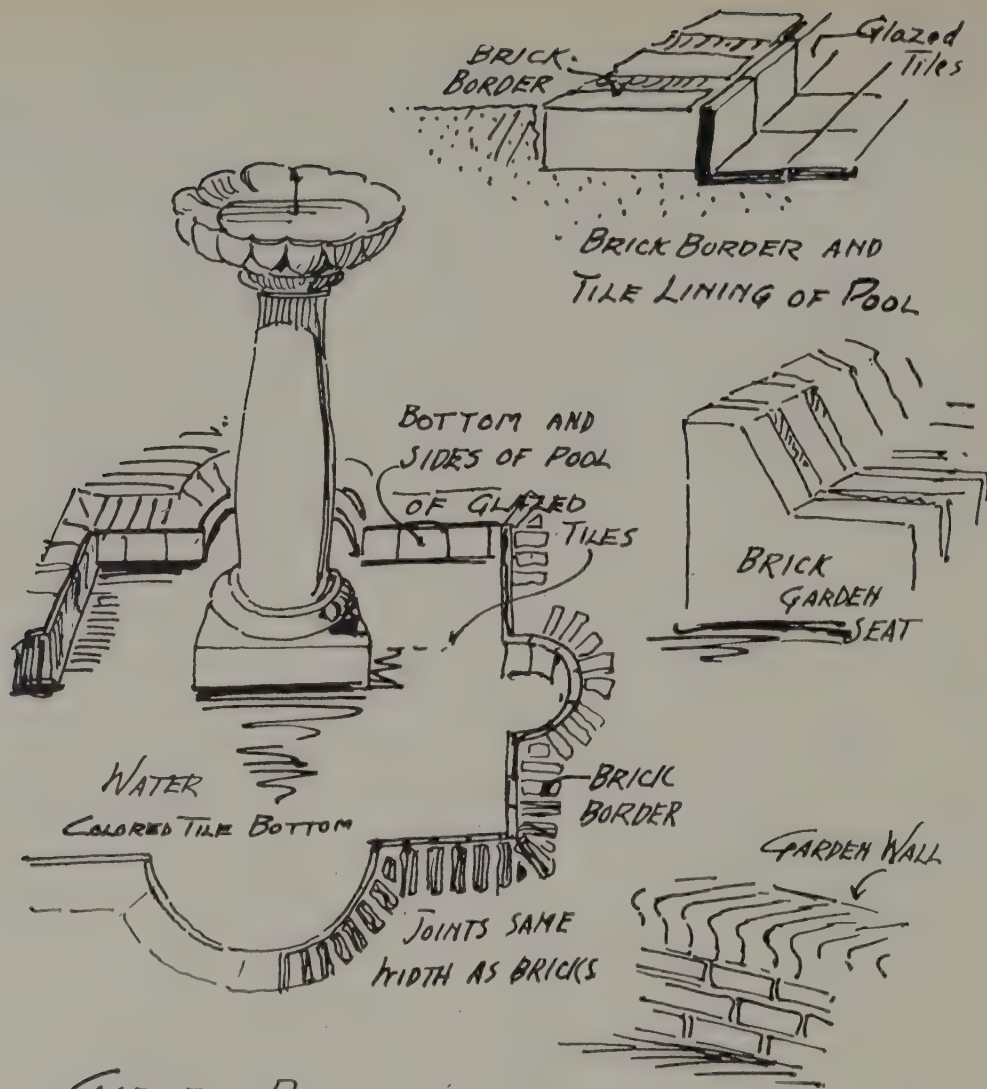
PALMA. MAJORCA

EXAMPLES OF
IRON-ESCUTCH-
EONS AND DOOR
HANDLES FROM
OLD PALACES

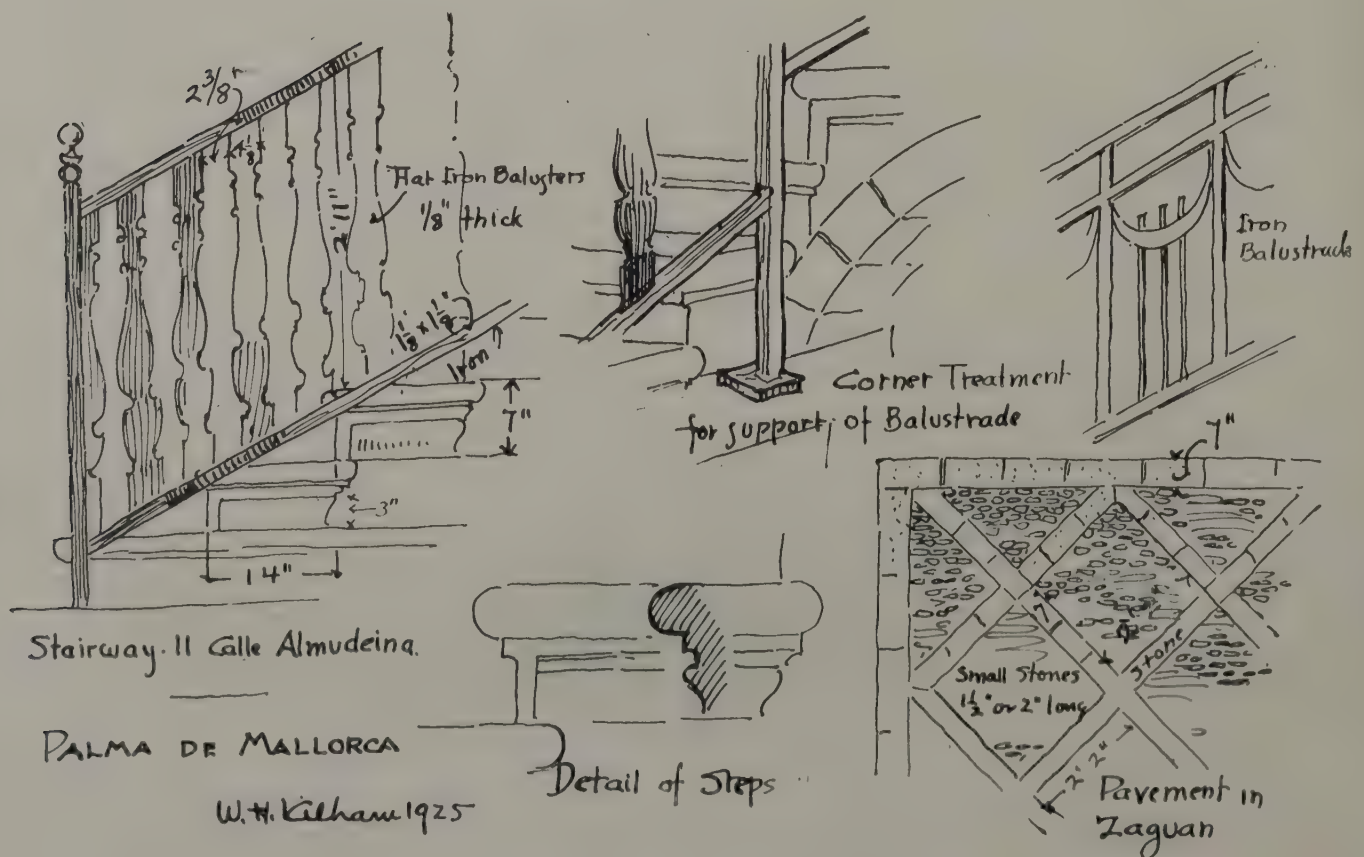


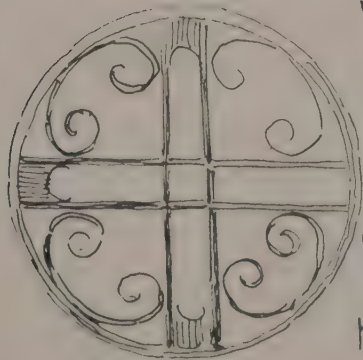
SCALE OF INCHES



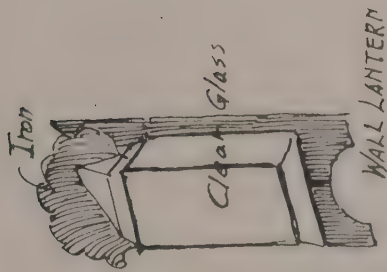


GARDEN DETAILS
CASA DEL GRECO
TOLEDO. W.H.K 1925

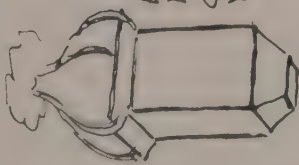




IRON COVER FOR WELL CURB



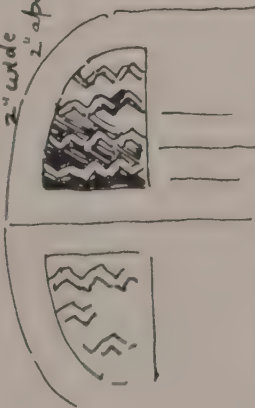
WALL LANTERN



HANGING LANTERN
Clear Glass
Very light frame

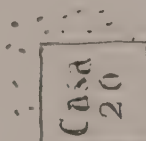
NOTES IN
PALMA DE MALLORCA

CROOKED PICKETS
2" wide
2" apart

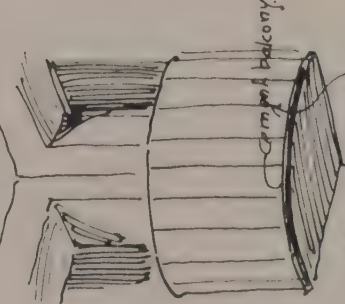


DOOR FROM
PATIO TO GARDEN

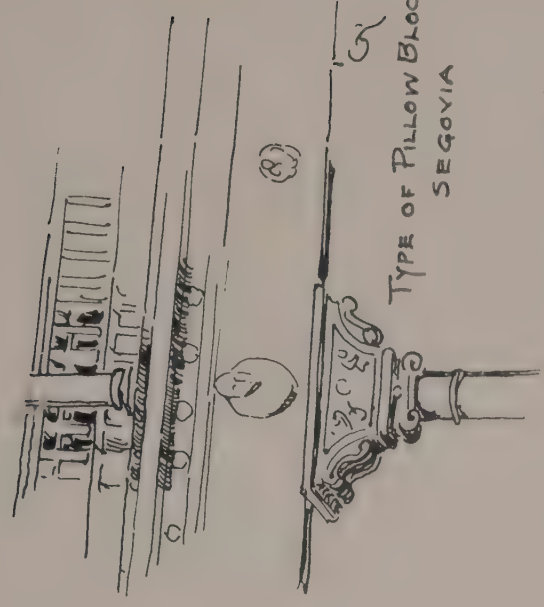
W.H.K.
1925



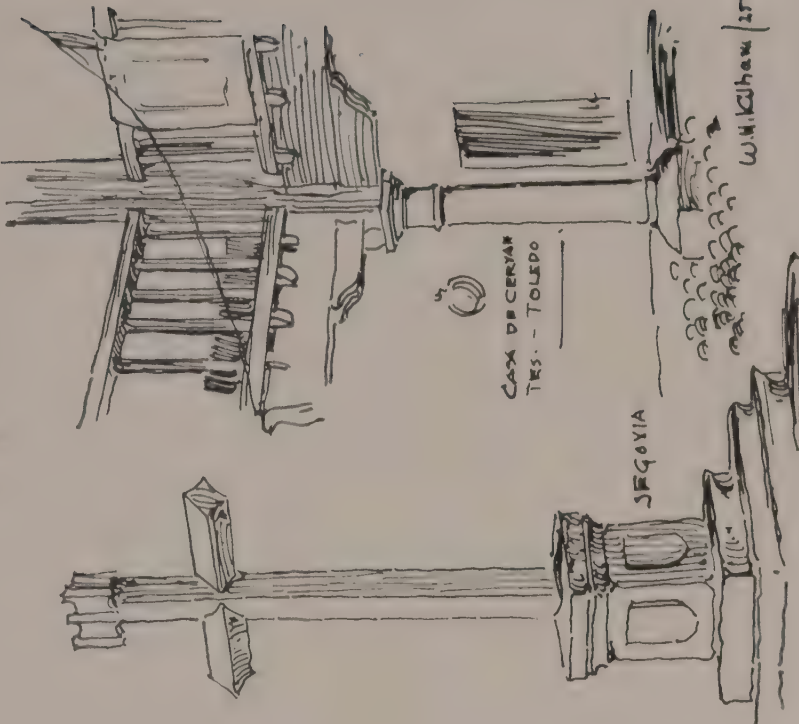
GLASS TILE WITH
STREET NUMBER
Very usual.



3/8" round pickets
VERY LIGHT BALCONY
IN PATIO Casa Oliva



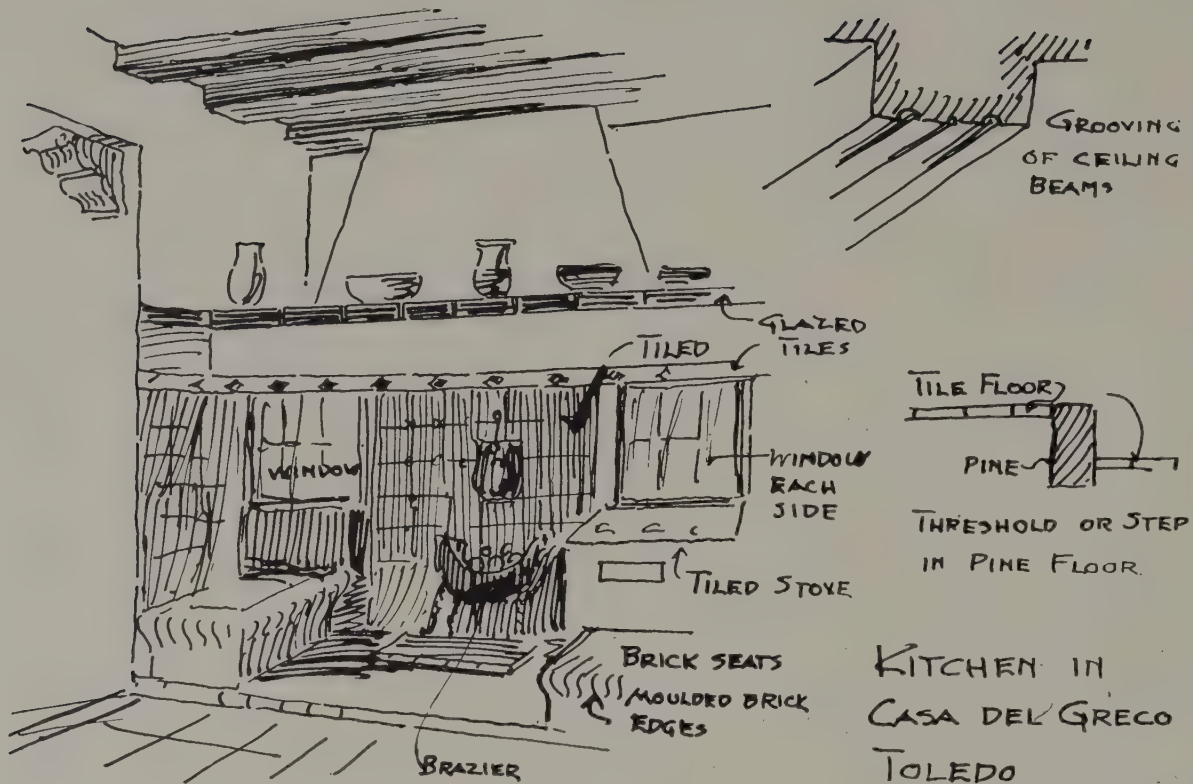
TYPE OF PILLOW BLOCK
SEGOVIA



SEGOVIA

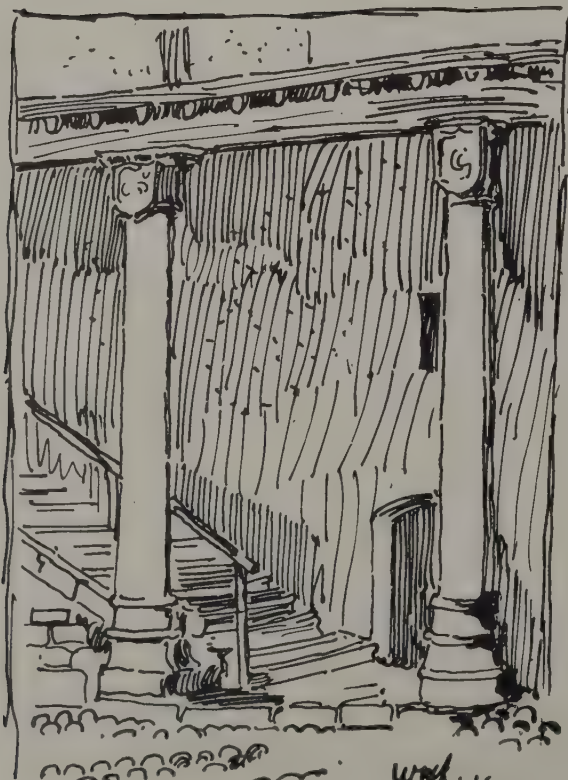
CASA DE CERIAN
TR. - TOLEDO

W.H.K. 1925

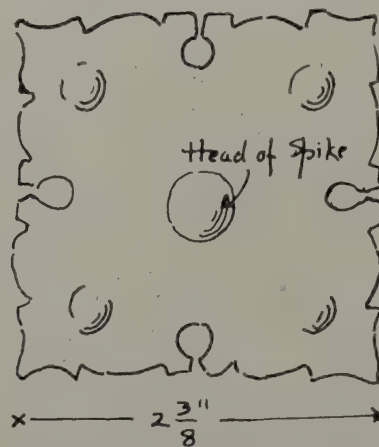


KITCHEN IN
CASA DEL GRECO
TOLEDO

W. H. Kilham. 1925



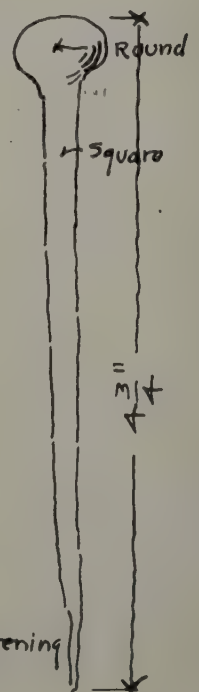
SEGOVIA - Column Capitals with
Shields.

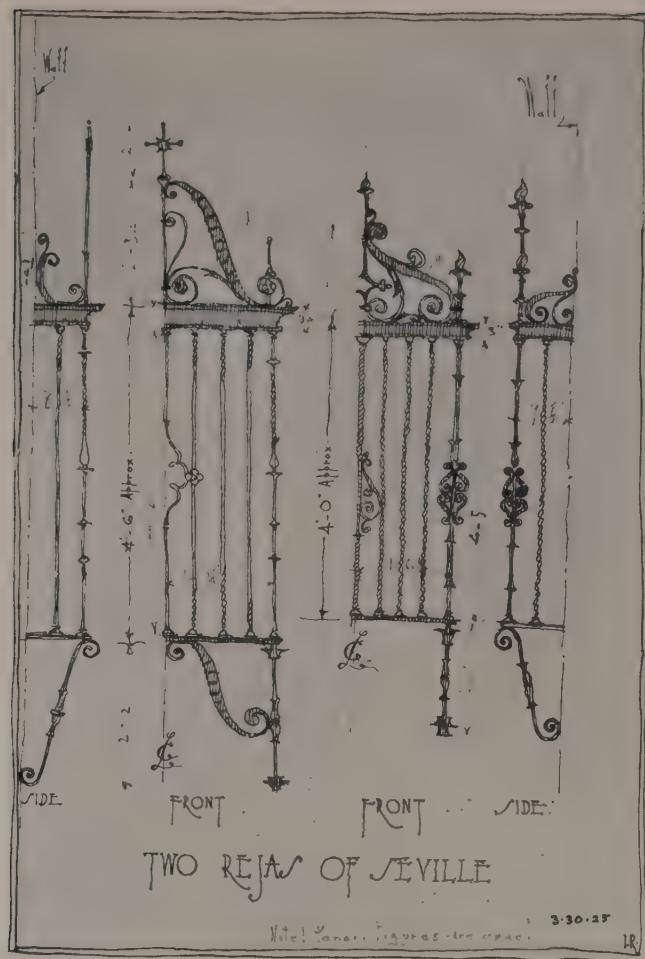


Wrought Iron door studs.
TOLEDO

W.H.K.

Spike for fastening
to Door.





PEN AND INK SKETCH BY ISIDOR RICHMOND,
THE ROTCH, 1923-25

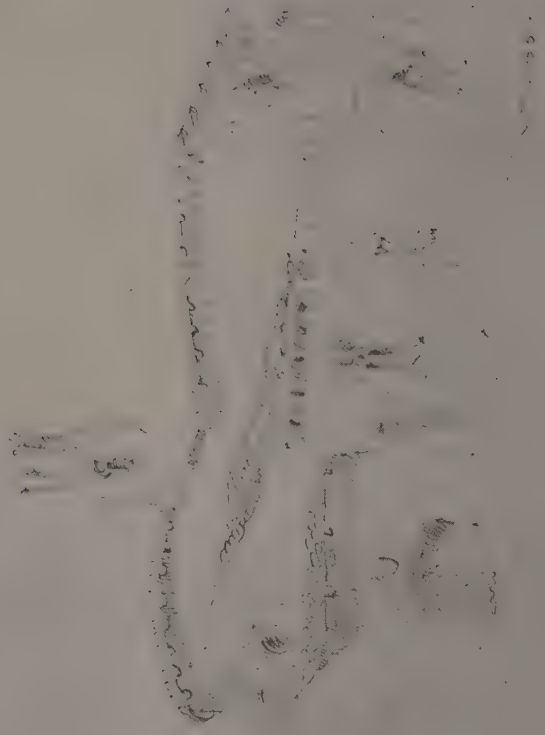


EL PARRAL.



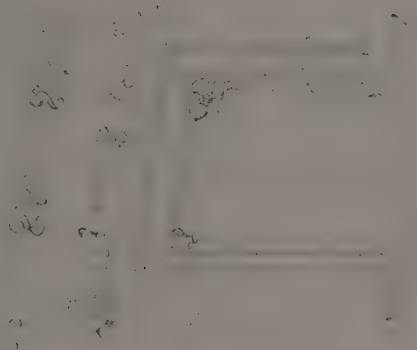
PALMA DE MALLORCA
1925

PEN AND INK SKETCH BY WALTER H. KILHAM

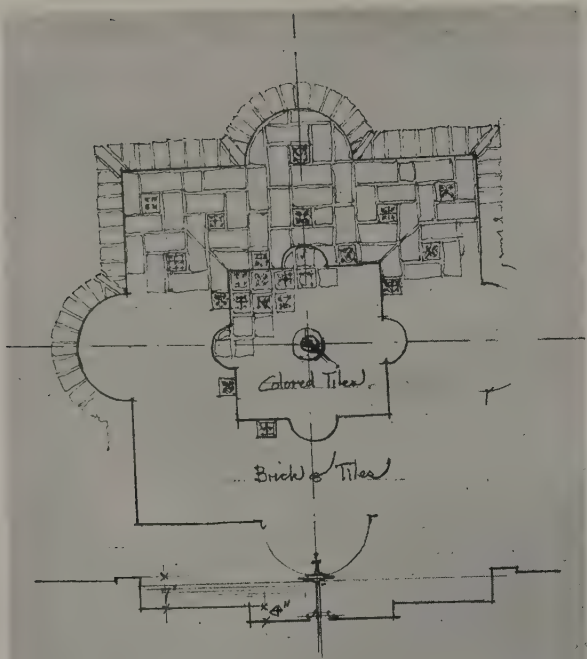


COLLECTION OF MUSEO
NACIONAL
2408

ONCE IN CATHOLIC POSTER
1810000

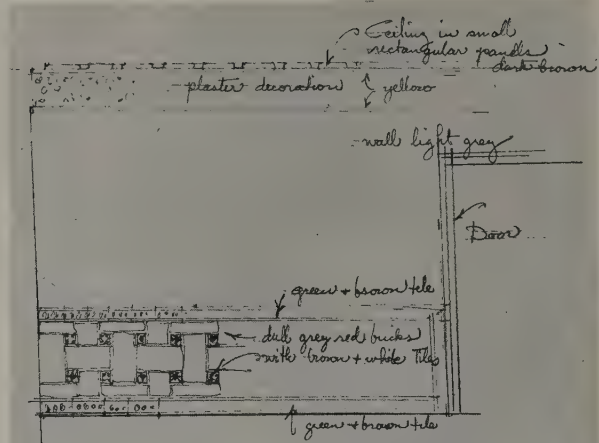


CASA DE ...
300000

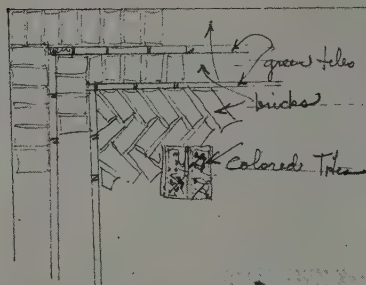


FOUNTAIN IN GARDEN OF
CASA DEL GRECO, TOLEDO

X#2



Room approx. 11'3" high
Diameter 5'4" x 10'1/2"



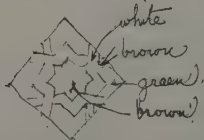
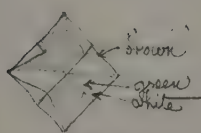
ROOM IN CASA DEL GRECO
TOLEDO

X#2



Longer bricks
8 9/8" x 11 1/2"

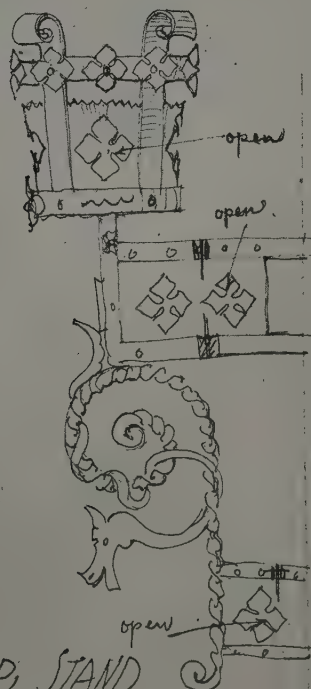
Tiles
2 3/4" sq



Tiles of 2 or 3 patterns

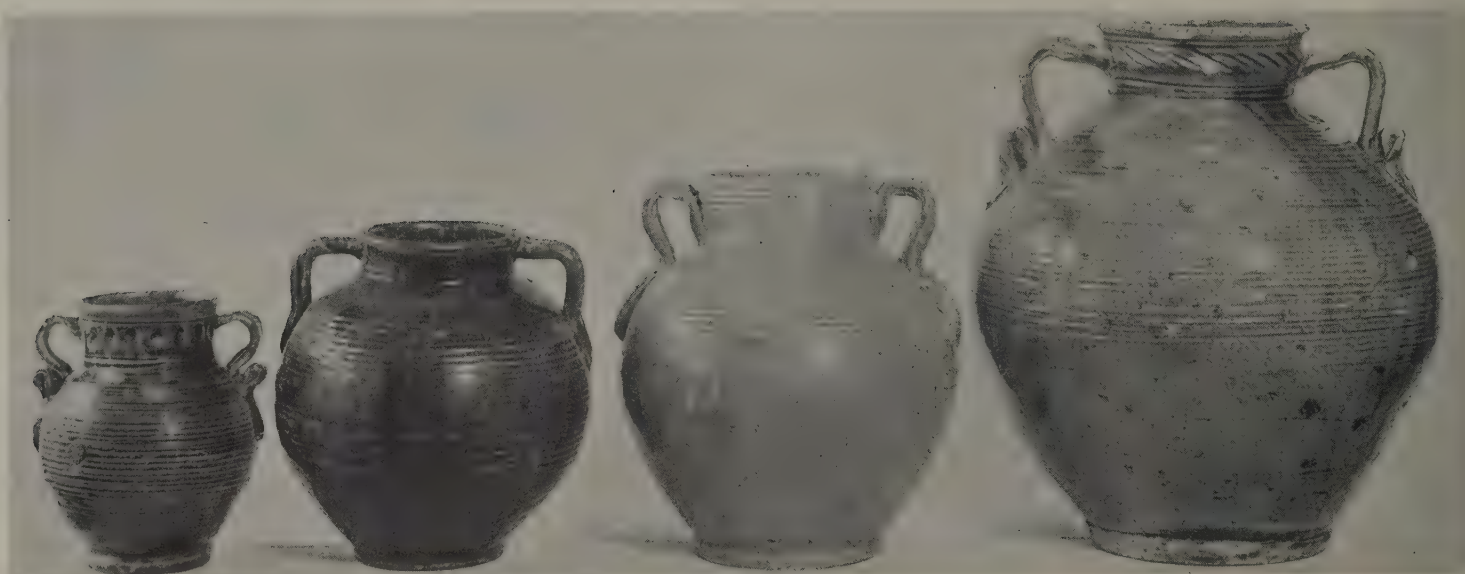
TILE FLOOR
ALHAMBRA GRANADA

X#2



FLOWER STAND
BARCELONA

X#2



OLD SPANISH POTTERY, VERY VALUABLE



GARDEN OF THE PRINCESS LYNDARAXA, THE ALHAMBRA, GRANADA



SCULPTURE, PALACE OF THE GENERALDI, BARCELONA



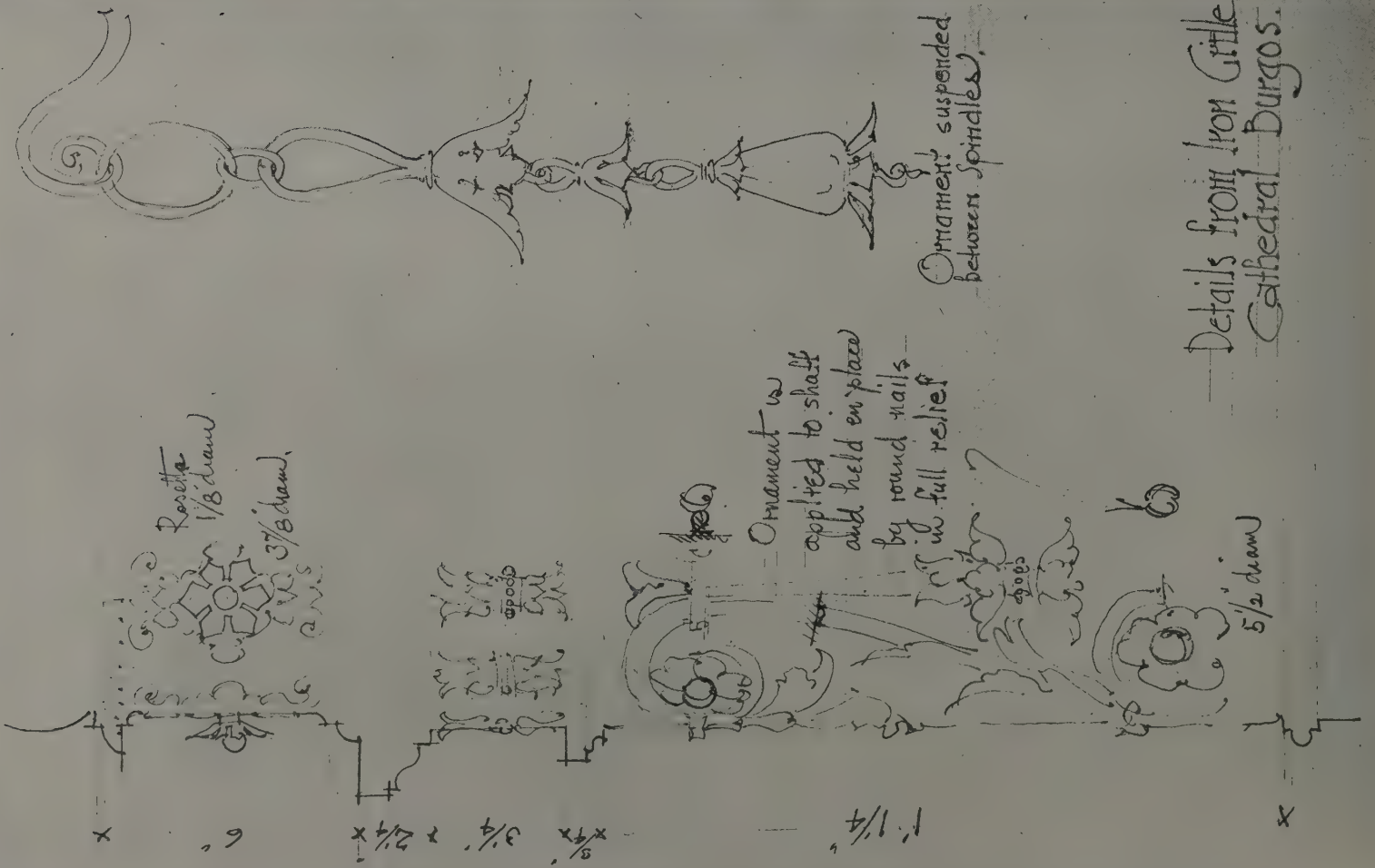
By courteous permission of Francis Howard, New York

ENTRANCE TO THE GARDEN OF MURILLO, SHOWING THE COLORED TERRA COTTA URNS, THE INLAY OF BLUE AND GREEN TILES ON POSTS AND COPINGS AND SEMI-TROPICAL FOLIAGE, PALMS AND HEDGES IN PICTURESQUE ARRANGEMENT. THIS PARK WAS DESIGNED BY THE FAMOUS ARCHITECT, THE MARQUES DE LA VEGA INCLAN

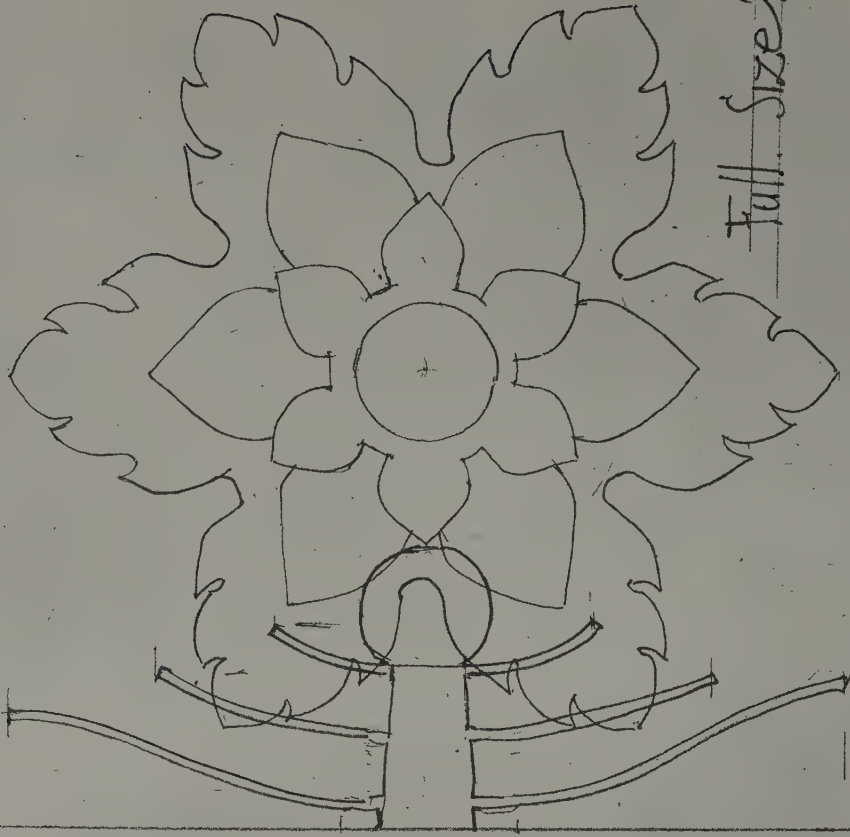


By courteous permission of Francis Howard, New York

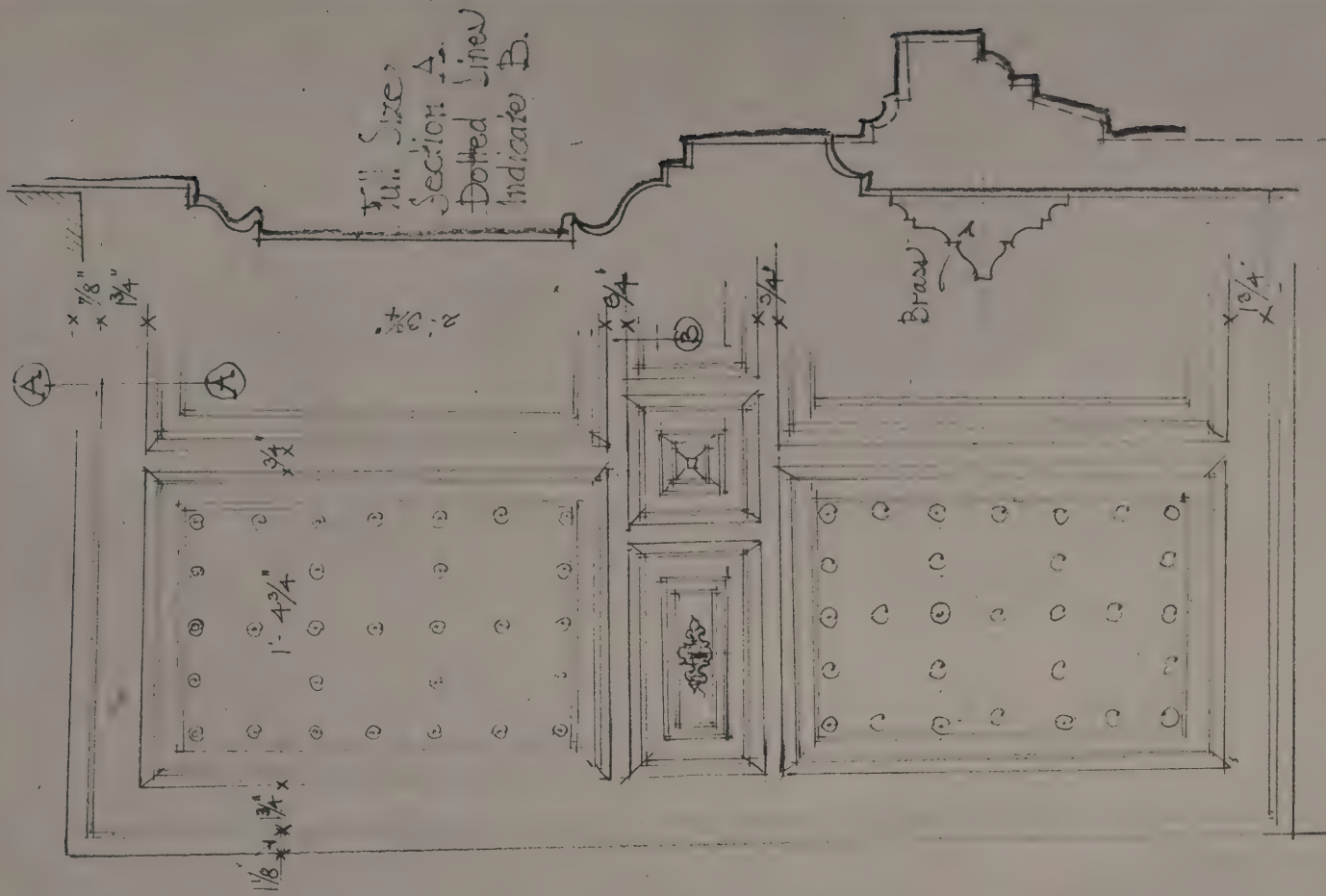
PATIO OF THE HOUSE OF PILATOS, A CHARACTERISTIC SPANISH TREATMENT, SHOWING BENCHES INLAID WITH COLORED TILE, THE LARGE WATER TANK USED FOR IRRIGATION, AND A FRAGMENT OF EARLY ROMAN SCULPTURE AT THE END OF THE TANK, THE WHOLE BEING SURROUNDED BY STUCCO WALLS COVERED WITH ROOF TILES, OVER WHICH VINES GROW LUXURIANTLY. IN THE FOREGROUND ARE TWO PALM TREES GROWING UP FROM THE TILE PAVEMENT, WITH TWO HELIOTROPES IN FULL BLOOM CLIMBING UP AROUND THEM TO A HEIGHT OF TEN FEET



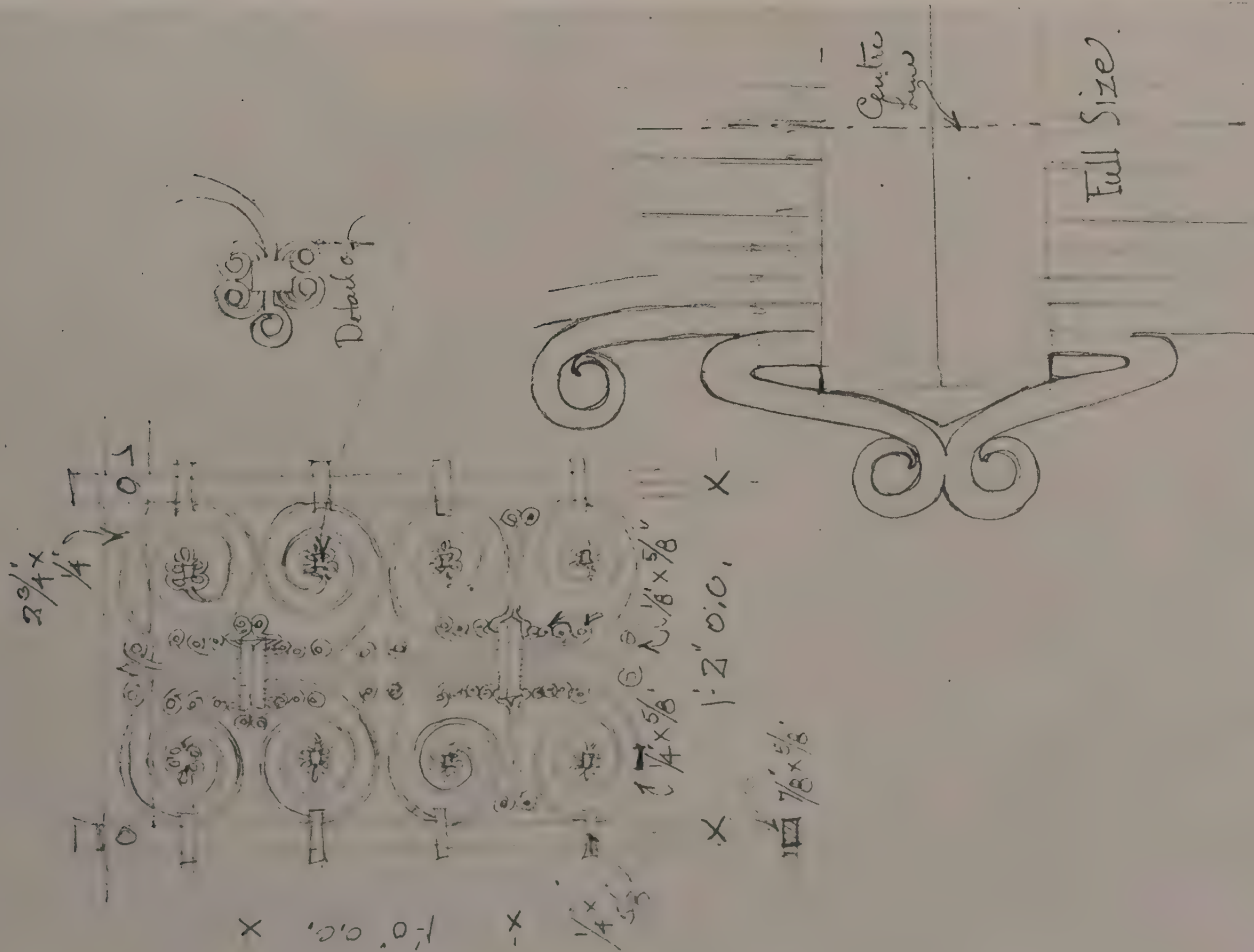
Details from Iron Grille Cathedral Burgos.



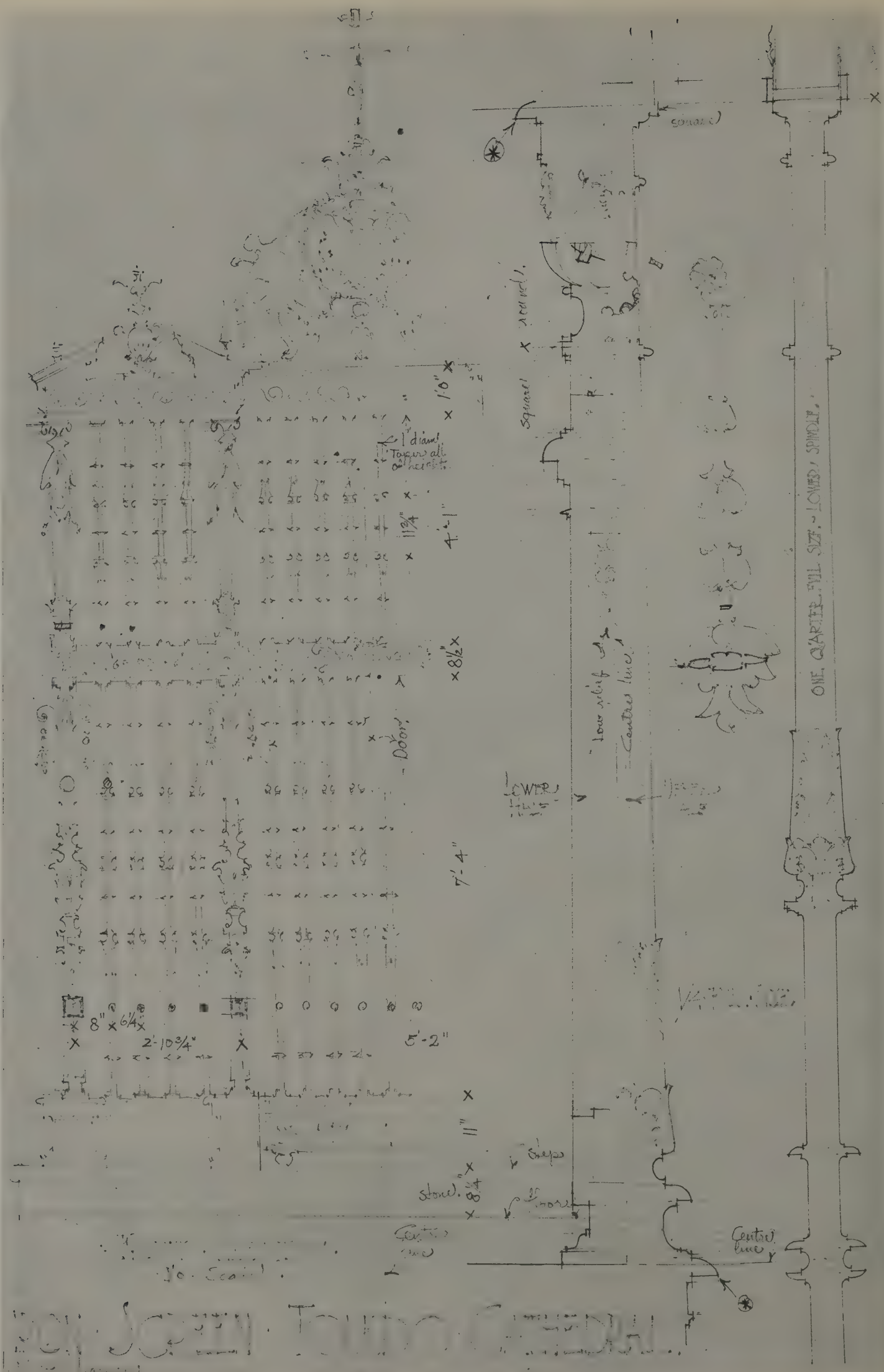
Detail from Iron Grille Burgos Cathedral.



DETAIL OF WOOD DOOR
TOLEDO CATHEDRAL.

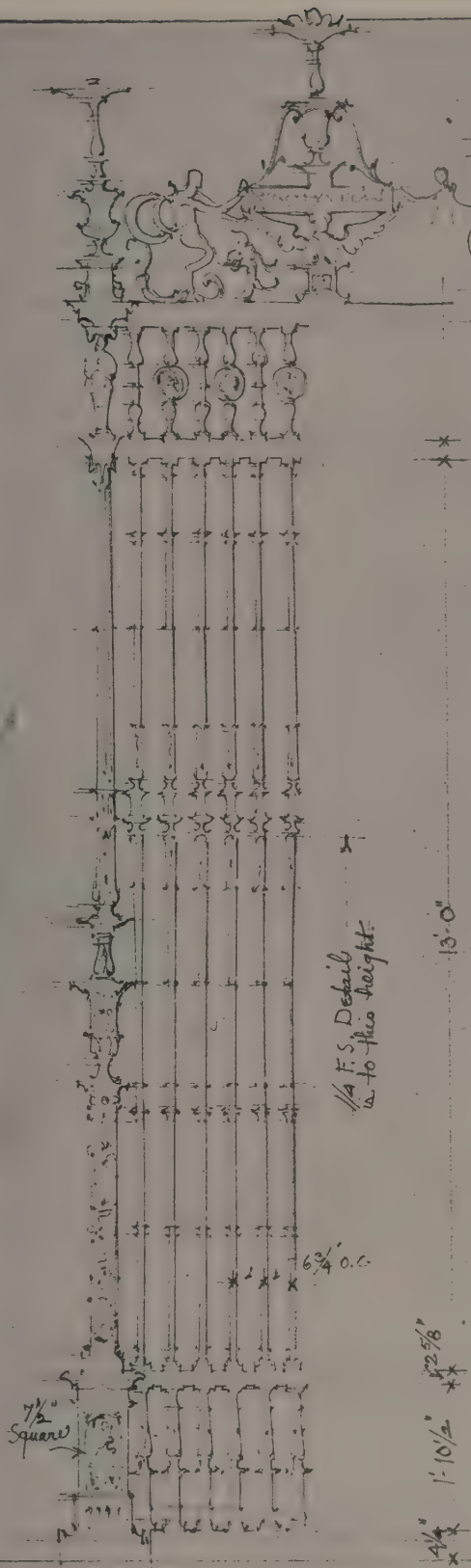


IRON DETAILS from
S. VICENTE, AVILA.



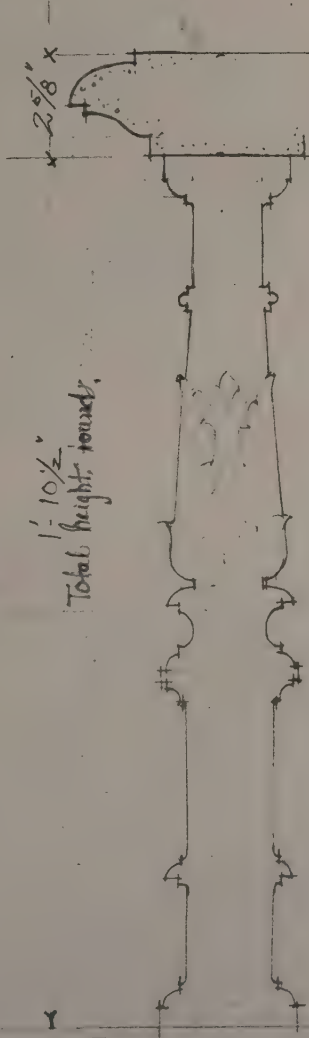
DETAILS OF IRON SCREEN IN FRONT OF CHOIR CATHEDRAL AT TOLEDO

Nick Hagmar Larsen, 1912.

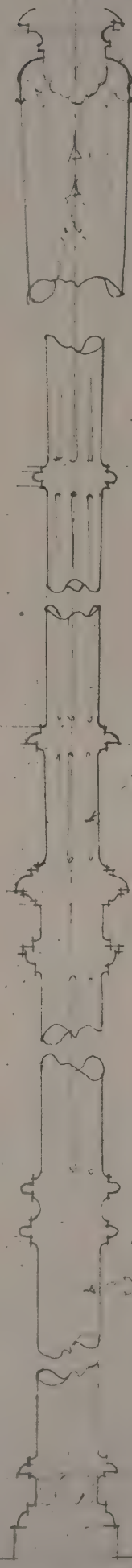


TYPICAL ELEVATION

Screen is six sections wide
2 end sections have 13 spindles.
4 middle sections have 10 spindles.
End sections 7'-11 1/2" o.c. Centre 6'-4" o.c.



1/4 FULL SIZE OF LOWER SPINDLE



1/4 FULL SIZE OF LARGE SPINDLE
(Total height round section)

—wall—



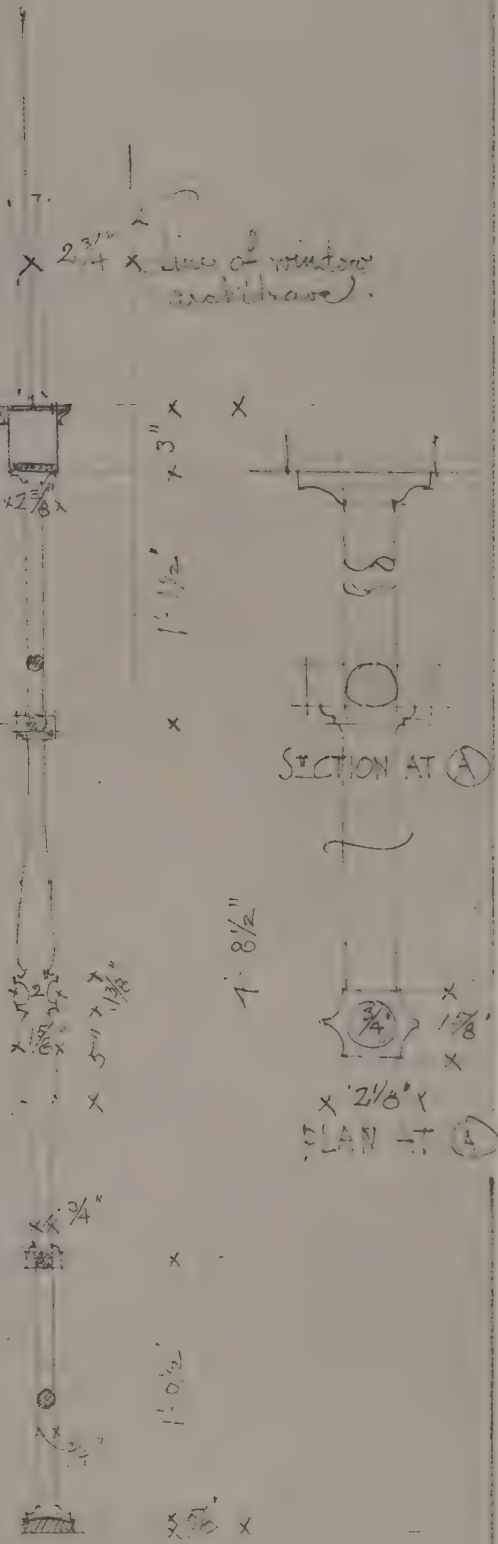
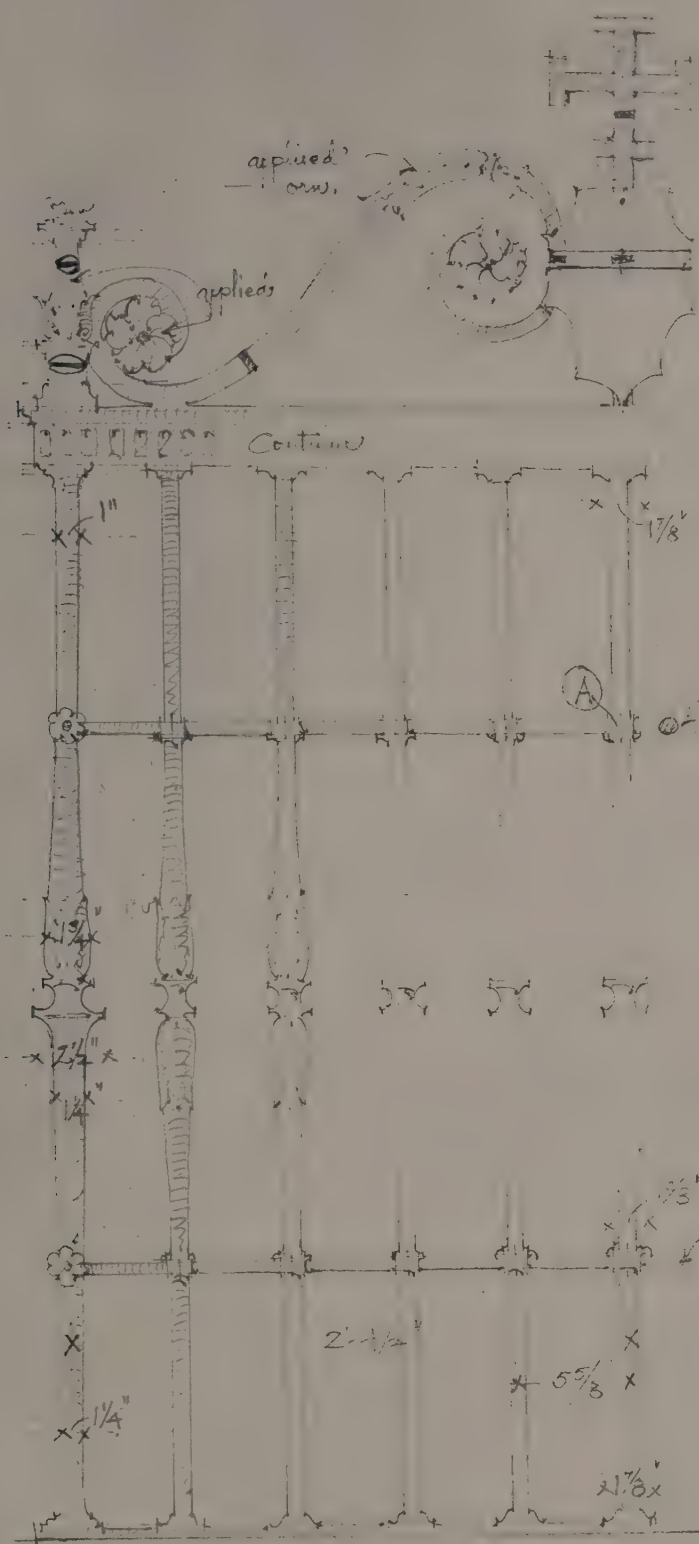
1" to 1/4" diam

END

F. S. OF
BOTTOM
OF BARS

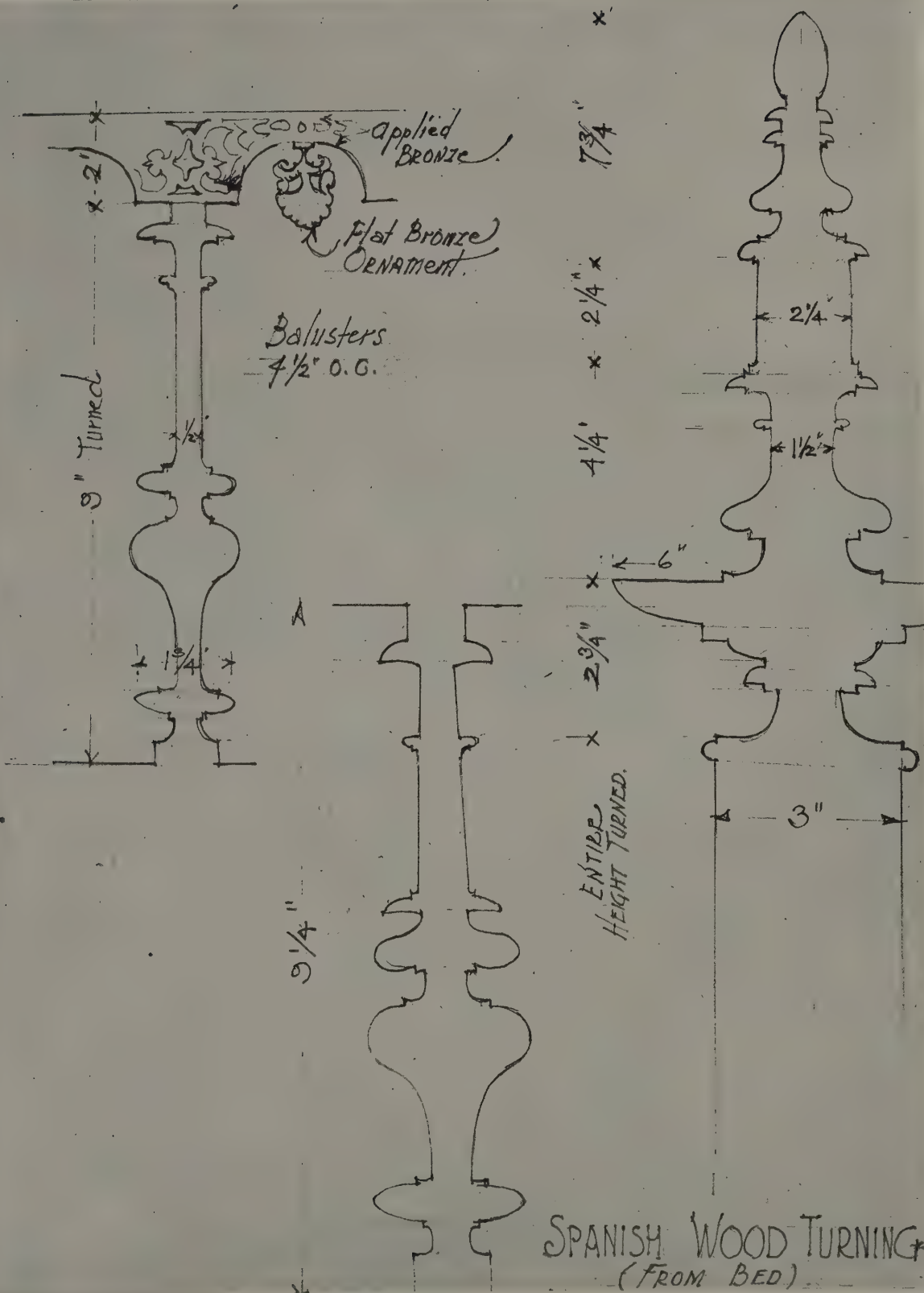
FLY AT BOTTOM.

$$3/8" \times 1"$$



WINDOW GRILLE HOSPITAL DE SANTA
Cruz TOLEDO

Scale 1 1/2" = 1'-0"
Notes



4-02

Spindles 6 1/2" o.c.
turned. Total height

gilt

gilt
6 plates

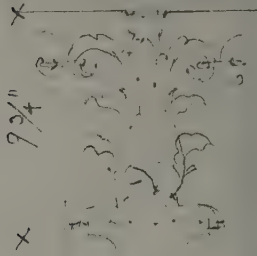
gilt

gilt

Plates
gilt

gilt

Spindles 6 1/2" o.c.
turned. Total height



Part of Spindle
(finishes similar to over)

gilt

gilt

gilt

gilt

Plates
similar to over

gilt

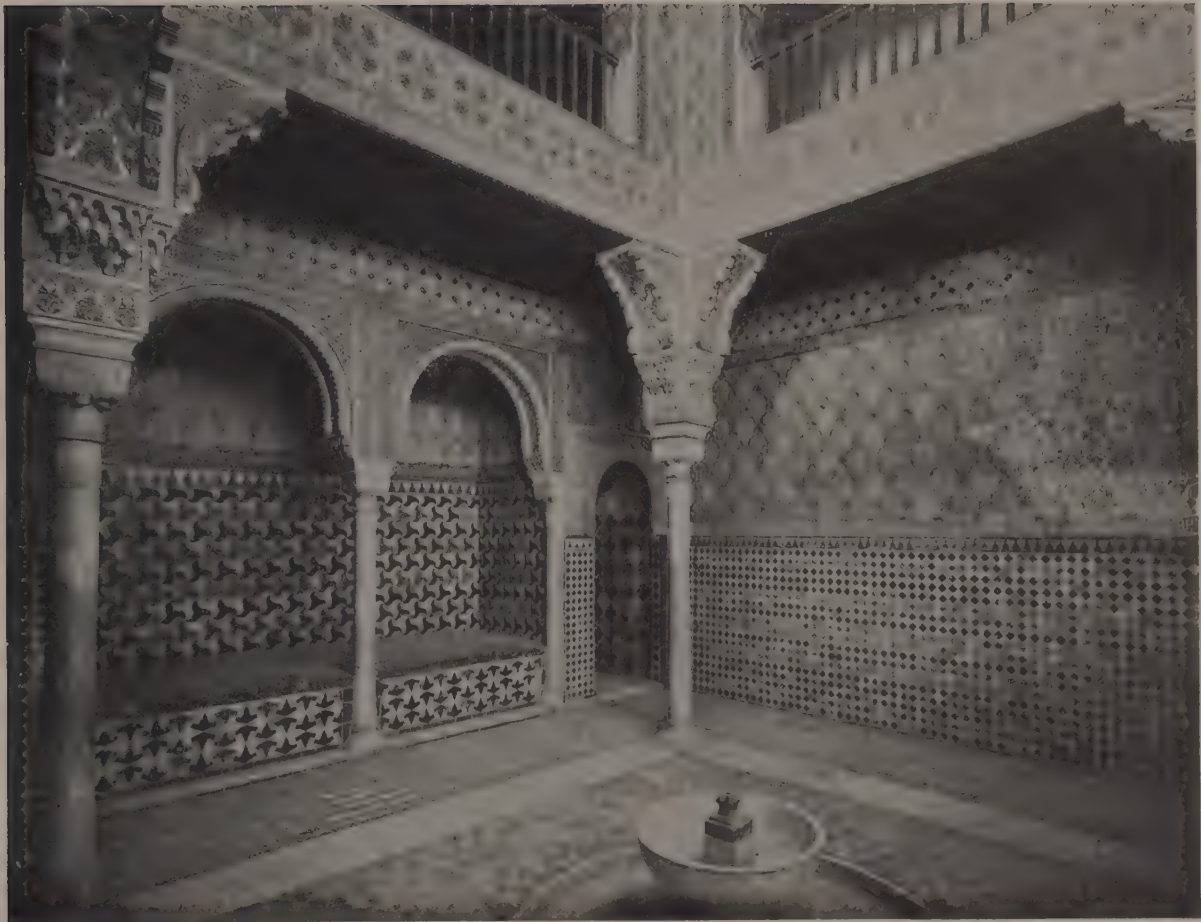
F. C. T. P. X. L. SPINDLE. LOWER
SECTION. ROY. GRILLE. CAPILLA
DEL CONDE. BURGOS.

Version 2.

4

Center line

Top of Stone Pedestal



SMALL ANTE-ROOM IN THE ALHAMBRA, GRANADA

Index

ARCHITECTS', ARTISTS' AND ENGRAVERS' SUPPLIES

	<i>Page</i>
Makepeace, B. L., Inc.	201
Spaulding-Moss Company	237

BATHROOM ACCESSORIES

Kohler of Kohler	226-227
Mott Iron Works, The J. L.	218
Sanitas Manufacturing Company	210
Trenton Potteries Company, The	235

BLUE PRINTERS

Makepeace, B. L., Inc.	201
Spaulding-Moss Company	237

BOILERS AND RADIATORS

American Radiator Company	3d Cover
Gurney Heater Mfg. Company	245
Richardson & Boynton Co.	243
Smith Company, The H. B.	241

BRASS TUBING

American Tube Works	228
-------------------------------	-----

BRONZE FOUNDERS

Gorham Company	221
McGann, T. F. & Sons Co.	223
Polachek Bronze and Iron Co., John	224-225
Reliance Fireproof Door Co.	224-225
Seeley, H. A. Co.	224 225

BUILDERS AND BUILDING CONSTRUCTION

	<i>Page</i>
Bishop Co., J. W.	222
Simpson Bros. Corporation	204

BUILDERS' SPECIALTIES

Seeley, H. A. Co.	224 225
---------------------------	---------

CRAFTSMEN IN WROUGHT IRON AND METALS

Bigelow, Kennard & Co.	209-217
Polachek Bronze and Iron Co., John	224-225
Reliance Fireproof Door Co.	224-225
Seeley, H. A. Co.	224 225
Tuttle & Bailey Mfg. Co.	229

DOORS AND FRAMES, ELEVATOR FRONTS

Dahlstrom Hollow Metal Doors and Trim	224-225
Peelle Company, The	239
Penn Metal Company	230

DRAFTING ROOM SUPPLIES AND DRAWING INSTRUMENTS

Makepeace, B. L., Inc.	201
Spaulding-Moss Company	237

ELECTRICAL INFORMATION FOR ARCHITECTS

	<i>Page</i>
Kohler of Kohler	226-227

ELEVATOR DOORS, CABS AND ENCLOSURES

Gorham Company, The	221
Peelle Company, The	239

ELEVATORS

A. B. See Elevator Company	Outside back cover
Otis Elevator Company	214
Payne Co., F. S.	238

ENGINEERS AND CONTRACTORS

Simpson Bros. Corporation	204
-------------------------------------	-----

FIREPLACES

Freeman Co., E. L.	246
----------------------------	-----

FIREPROOF COLUMNS

Lally Column Company	234
--------------------------------	-----

FIREPROOF DOORS

Reliance Fireproof Door Co.	224-225
-------------------------------------	---------

FORGINGS

Bigelow, Kennard & Co. Inc.	209, 217
-------------------------------------	----------

FUEL OIL BURNING EQUIPMENT

Petroleum Heat and Power Company	242
--	-----

GAS

Boston Consolidated Gas Company	244
---	-----

GREENHOUSES

Lord & Burnham Co.	219
----------------------------	-----

GRILLES

Tuttle & Bailey Mfg. Co.	229
----------------------------------	-----

HALF-TONE AND LINE ENGRAVERS

Proctor Engraving Co.	220
-------------------------------	-----

HARDWARE

Chandler & Barber Co.	206
Burditt & Williams Company	212
Hunter Company, J. B.	220

INSULATING AND DEADENING QUILT

	<i>Page</i>
Cabot, Inc., Samuel	215

INTERIOR DECORATIONS AND ARCHITECTURAL WOODWORK

Davenport-Brown Company	236
Irving & Casson—A. H. Davenport Co.	211
Pennell, Gibbs & Quiring Co.	233
Ross & Co., William F.	202-203

JEWELERS AND SILVERSMITHS

Bigelow, Kennard & Co., Inc.	209, 217
--------------------------------------	----------

KITCHEN EQUIPMENT AND RANGES

Duparquet, Huot & Moneuse Co.	240
Wrought Iron Range Co.	232

LEADED AND STAINED GLASS WINDOWS

Connick, Charles J.	234
D'Ascenzo Studios	207, 213

LIGHTING FIXTURES AND FIREPLACE FITTINGS

Bigelow, Kennard & Co., Inc.	209, 217
Caldwell & Co., Inc., Edward F.	216
Pettingell-Andrews Co., Inc.	2d Cover

MANUFACTURERS' AGENTS

Seeley, H. A. Co.	224-225
---------------------------	---------

METAL DOORS AND TRIM

Dahlstrom	224-225
Peelle Company, The	239
Penn Metal Company	230
Reliance Fireproof Door Co.	224-225
Seeley, H. A. Co.	224-225

MOSAICS, TILES, MARBLE FLOORS*Page*

Galassi Mosaic & Tile Company, Inc. . . . 205

PAINTS

Dexter Bros. Co. 230

Standard Plate Glass Company 222

PLASTERS AND CEMENTS

United States Gypsum Co. 242

PLATE GLASS

Standard Plate Glass Company 222

PLUMBING FIXTURES

Kohler of Kohler 226-227

Mott Iron Works, The J. L. 218

Sanitas Manufacturing Company 210

Trenton Potteries Company, The 235

REFLECTORS

Frink, Inc., I. P. 216

REFRIGERATORS

McCray Refrigerator Company 236

ROOFING SHEET METAL WORK,**METAL DOORS**

Penn Metal Company 230

ROOFING TILES

United States Gypsum Co. 242

SASH CORD

Samson Cordage Works 232

SHINGLE STAINS

Cabot, Inc., Samuel 215

Dexter Bros. Company 230

**SLATE ROOFING, FLAGSTONES,
STEPPING STONES***Page*

General Slate Company 208

Rising & Nelson Slate Co. 231

STAINS AND WOOD FINISHES

Cabot, Inc., Samuel 215

Dexter Bros. Co. 230

STEEL COLUMNS

Lally Column Co. 234

**STEEL AND BRONZE WINDOWS
CASEMENTS, ETC.**

Penn Metal Company 230

Seeley, H. A. Co. 224 225

TILES

Galassi Mosaic & Tile Company, Inc. . . . 205

Freeman Co., E. L. 246

TIN DOORS

Penn Metal Company 230

VALVES

Jenkins Bros. 240

Watson & McDaniel Company 238

**WATERPROOF STUCCO AND BRICK
STAINS**

Cabot, Inc., Samuel 215

WOOD CARVING

Davenport-Brown Company 236

Irving & Casson—A. H. Davenport Co. . . 211

Ross & Co., William F. 202-203

WROUGHT IRON PIPE

Reading Iron Company 246

Reliable Quality and Service



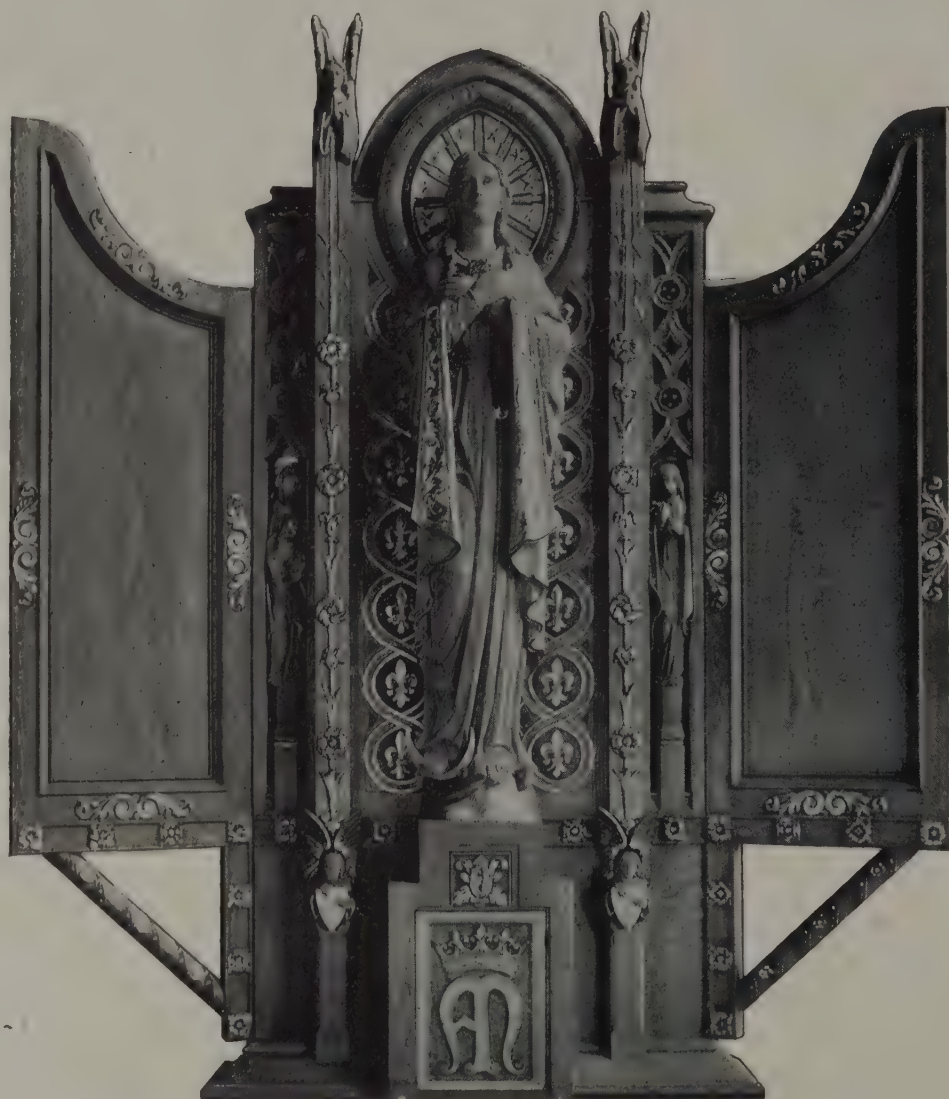
IN the completeness of our equipment and with the assistance of our organization of specialists, the Architect has at his command at all times every method of plan reproduction, and in our large and varied stock of drawing supplies, materials for every drafting need.

B. L. MAKEPEACE, INC.

Importers
Manufacturers
Dealers

New England's Largest Blueprinting and
Drawing Material House
387 Washington Street
394 Boylston Street
Boston, Massachusetts

Drawing Materials
Instruments
Blueprints



BLESSED VIRGIN ALTAR
ST. ALOYSIUS CHURCH
BOWLING GREEN, OHIO

DESIGNED BY WILL R. PERRY OF
COMES, PERRY & McMULLEN, ARCHITECTS
PITTSBURGH, PA.

William F. Ross & Company

WOOD, STONE AND PLASTER WORK
MODELLING AND CARVING

193-207 BRIDGE STREET
EAST CAMBRIDGE, MASS.



ST. JOSEPH'S ALTAR
ST. ALOYSIUS CHURCH
BOWLING GREEN, OHIO

DESIGNED BY WILL R. PERRY OF
COMES, PERRY & McMULLEN, ARCHITECTS
PITTSBURGH, PA.

William F. Ross & Company

WOOD, STONE AND PLASTER WORK
MODELLING AND CARVING

193-207 BRIDGE STREET
EAST CAMBRIDGE, MASS.

Simpson Bros. Corporation

BUILDING CONSTRUCTION

GENERAL OFFICES
77 SUMMER STREET
BOSTON, MASS.



DECORATIVE TREATMENT FOR FAIENCE FOUNTAIN
WALLS AND FLOOR IN ATTRACTIVE SPANISH TILE



GALASSI MOSAIC AND TILE COMPANY

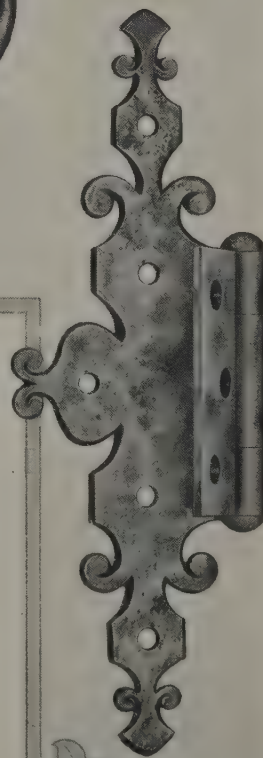
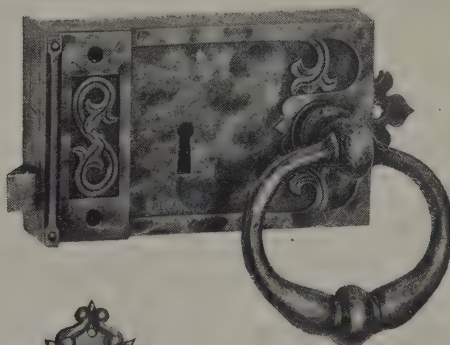
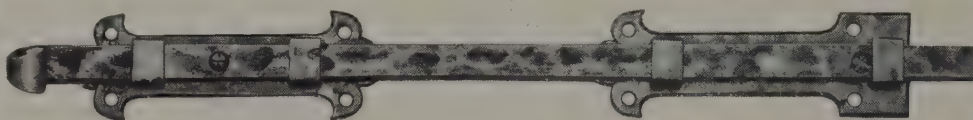
BENNET AND ASH STREETS, BOSTON, MASS.

Telephones, Beach 8702, 8703, 8704

Roman and Venetian Mosaics
Ceramic Mosaic

Marble and Slate Floor and Wall Tiles
Tile Mosaic and Terrazzo Work

CHANDLER & BARBER CO.



WE OFFER THE FACILITIES OF
OUR BUILDERS' HARDWARE
DIVISION TO THOSE WHO
REQUIRE DISTINCTIVE DE-
SIGNS IN HAND WROUGHT
IRON.

WE REPRESENT



AND CORDIALLY INVITE YOUR
INSPECTION.

124 SUMMER STREET ~ BOSTON MASS.

The D'Ascenzo Studios

1604 SUMMER STREET

PHILADELPHIA, PA.

Ecclesiastical
Stained and
Leaded Glass



Mural Decorations
Glass Mosaics
Commercial Leaded
Glass



PORTION OF CHANCEL WINDOW
St. James Church, Bristol, Pa.
AWARDED GOLD MEDAL 1925
ARCHITECTURAL LEAGUE OF NEW YORK

MAKERS OF THE
Historical Windows, Washington Memorial Chapel, Valley Forge, Pa.
ZANTZINGER, BORIE & MEDARY, ARCHITECTS, PHILADELPHIA

NEW ENGLAND REPRESENTATIVE

Chester Parker Dodge
PLEASANT CORNER, ROCKPORT, MASSACHUSETTS



EBEN S. DRAPER HOUSE
HOPEDALE, MASS.

BIGELOW & WADSWORTH
ARCHITECTS



AN EXAMPLE OF OUR
UNFADING MOTTLED PURPLE ROOFING
SLATE

QUARRIED BY THE
GENERAL SLATE COMPANY

PRODUCER OF
UNFADING MOTTLED ROOFING SLATE
(GREEN AND PURPLE)
MONSON-LUSTRE (MAINE) ROOFING SLATE
FLOOR TILES AND FLAGGING AND
SLATE FOR LANDSCAPE
ARCHITECTURAL PURPOSES

SALES OFFICE
148 STATE STREET, BOSTON
RICHMOND 0018



WROUGHT BY
THE BIGELOW, KENNARD FORGE
387 ALBANY STREET, BOSTON
FOR
RAMON A. PENN, DECORATOR

Sanitas Manufacturing Company

Fine Plumbing Fixtures



State Street Trust Company

Parker, Thomas & Rice
Richardson, Barrott & Richardson } *Architects*

Other Banks in which Sanitas Plumbing Fixtures have been installed

Old Colony Trust Company <i>Coolidge, Shepley, Bulfinch & Abbott, Architects</i>	Boston Five Cents Savings Bank <i>Parker, Thomas & Rice, Architects</i>
National Shawmut Bank Addition <i>Parker, Thomas & Rice, Architects</i>	Wakefield Trust Company <i>Hutchins & French, Architects</i>
First National Bank, Malden <i>Monks and Johnson, Architects</i>	Merchants National Bank <i>Coolidge, Shepley, Bulfinch & Abbott, Architects</i>
New Bedford Institute for Savings, <i>Adden & Parker, Architects</i>	

Showroom: 105 WASHINGTON STREET, BOSTON

Works: Wakefield, Mass.



CRAM & FERGUSON, Architects

THE REREDOS OF ST. LUKE'S CATHEDRAL
PORTLAND, MAINE

Executed by

Irving & Casson — A. H. Davenport Co.

*Interior Decorations, Architectural Woodwork
Furniture, Wall Coverings, Draperies*

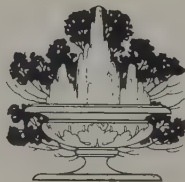
573-575 Boylston St.
BOSTON

601 Fifth Avenue
NEW YORK

Established 1860

Burditt & Williams Co.

*Everything in Hardware to Construct
and Equip a Building of the
simplest or most elaborate
style of Architecture*



160 Federal Street

Boston, Mass.

Telephone Liberty 8552



Reproduction of study by Nicola D'Ascenzo—Copyrighted

Church Memorials - Windows - Murals - Mosaics

The D'Ascenzo Studios

1602-04 SUMMER STREET PHILADELPHIA, PA.

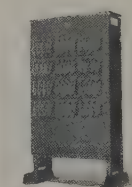
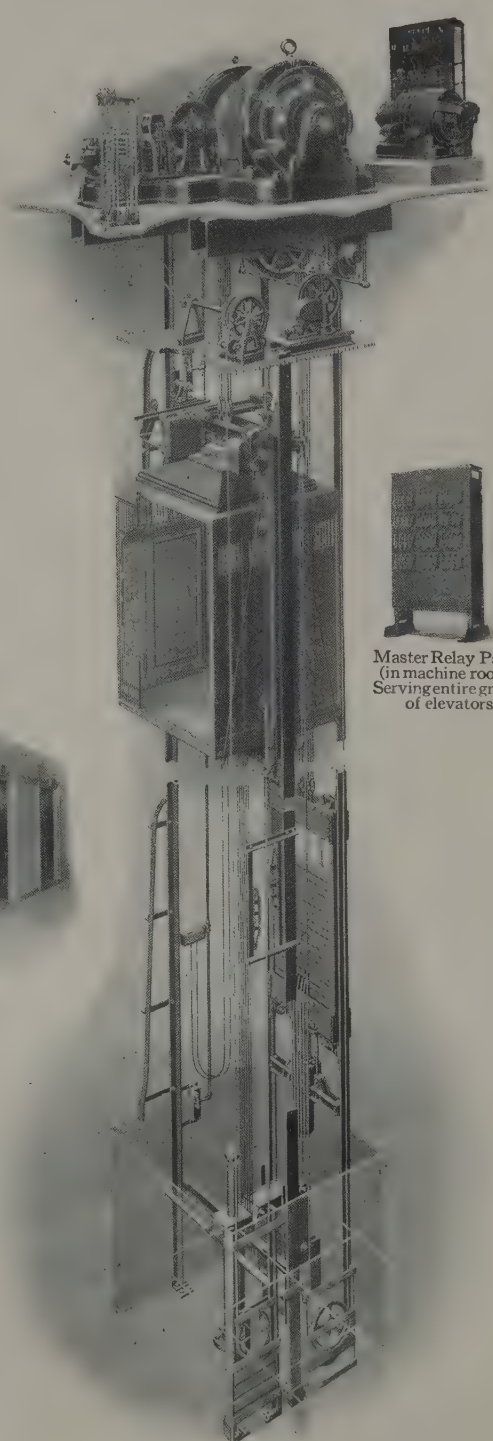
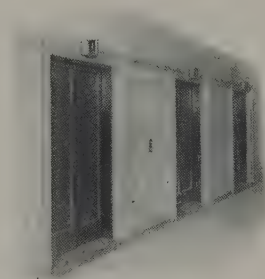
NEW ENGLAND REPRESENTATIVE:

Chester Parker Dodge

PLEASANT CORNER, ROCKPORT, MASSACHUSETTS

OTIS "SIGNAL CONTROL" ELEVATORS

TYPEIFY THE MOST MODERN AND
EFFICIENT FORM OF INTENSIVE
VERTICAL TRANSPORTATION.



Master Relay Panel
(in machine room)
Serving entire group
of elevators

OTIS ELEVATOR COMPANY

OFFICES IN ALL PRINCIPAL CITIES IN THE WORLD



Roof stained with Cabot's Creosote Stains. Walls and Chimney finished with Cabot's Old Virginia White. Charles A. Platt, Architect, New York.

Cabot's Creosote Shingle Stains

The original shingle stains, and the standard for forty years. Now made by our new colloidal process which makes pure pigments so microscopically fine that they penetrate like dyes.

Cabot's Old Virginia White

The clean, brilliant "whitewash white" effect of Old Virginia White has real distinction. As bright as new whitewash and as durable as paint, but does not look "painty."

Cabot's Double-White

A true white that is so opaque that two coats will cover any surface as completely as three coats of lead and oil paint. Whiter than paint. has no gloss, liquid and free flowing, easily applied, fine texture.

Cabot's Waterproof Collopakes

For tinting and waterproofing stucco, brick and woodwork. Soft, pastel-like tones. More fluid than paints; easier to apply; lower in cost.

Cabot's Insulating and Deadening Quilt

Makes houses warmer in Winter and cooler in Summer. Saves its cost many times over in reducing fuel bills. Deadens sound in floors and partitions.

Full Information on Request

Samuel Cabot, Inc., Manufacturing Chemists Boston

342 Madison Avenue, New York

5000 Bloomingdale Ave., Chicago

Philadelphia

Minneapolis

Kansas City

Los Angeles

San Francisco

Portland



The walls and roofs of this house and garage are covered with Cabot's Creosote-Stained Shingles. Harold Doty, Architect, Portland, Oregon



Stained with Cabot's Creosote Stains Wilson Eyre, Architect, New York



Just What "Frink" Stands For In The Lighting World

IN case you too are under the impression that Frink is the name of a reflector this will set you straight.

Frink is the sign of a Service. A Service that develops and sells ideas for unusual methods of electric illuminating. A Service that sells results.

Incidentally we manufacture and deliver the equipment necessary to produce the results we sell.

Starting before the days of electric lighting, for over 68 years this Service has been developed through hundreds of thousands of contracts.

Frink Service reaches everywhere that electric lighting can be used. There is seldom a job too small for it to be economically employed. Certainly none is ever too large.

At any time one of us would be glad to explain our Service more in detail, or confer with you over any lighting problem you may have.

I. P. FRINK Inc.

New York City

Boston Office
161 Summer Street

Edwd. F. Caldwell & Co.

Incorporated

Makers of
**Gas and Electric Light Fixtures
Ornamental Brass and
Wrought Iron Work**



36 - 38 - 40 West 15th Street
New York



BIGELOW, KENNARD & CO., INC.
COR. WEST AND WASHINGTON STREETS, BOSTON, MASS.
LIGHTING FIXTURES

1828

MOTT

1925

Hospital & Plumbing Fixtures & *Marine*



MOTT PLUMBING *has a permanent investment value for the Home.*

A complete line of Mott Fixtures on display including Enamelware, Vitreous China, Durecast Ware and Brass Goods. Architects and their clients are invited to visit our showrooms.

The **J. L. MOTT IRON WORKS**

90 BERKELEY STREET
BOSTON, MASS.



Evidence— A Conclusive Kind

AFTER all is said and done, what we might say about our greenhouses doesn't begin to say as much as the fact that so many neighbors build them. One seems to sell the other.

For over 60 years, Architects have largely specified Lord and Burnham houses, which would seem to indicate they feel them to be the highest standard of quality and design.

Lord & Burnham Co.

Builders of Greenhouses and Makers of Boilers

Eastern Factory
Irvington, N. Y.

Western Factory
Des Plaines, Ill.

Canadian Factory
St. Catharines, Ont.

Irvington
New York

New York
30 East 42nd Street

Philadelphia
Land Title Building

Chicago
Cont. Bank Building

Cleveland
1304 Ulmer Building

Denver
1247 South Emerson Street

St. Louis
704 East Carrie Avenue

Boston
Little Building

Buffalo
Jackson Building

Greensboro
North Carolina

Montreal
124 Stanley Street

Kansas City
Commerce Building

St. Catharines
Ontario

HUNTER HARDWARE

Hunter Hardware is a Guarantee of Service,
Security, Beauty of Design, Finish and Durability



Fine Bronze Hardware for the Home, Bank, Office Buildings

Distributors of **YALE** Locks

Ornamental Wrought Iron Hardware Designed to Period Architecture

J. B. HUNTER COMPANY

60 SUMMER STREET

BOSTON, MASS.

LIBERTY 5566

Designing
Illustrating
and
Retouching

Boston Office:
101 TREMONT STREET



Line and
Half-Tone
Engraving
Electrotyping

Lynn Office:
7 WILLOW STREET

Engravers of the Boston Architectural Club Book

STANDARD PLATE GLASS COMPANY

Glass for all Purposes

Paints for all Surfaces

BOSTON

CAMBRIDGE

HARTFORD

WORCESTER

BOSTON

NEW YORK

J. W. BISHOP CO.

BUILDERS

PROVIDENCE

NEW BEDFORD



MODELLED STATUARY BRONZE DOOR 8 FT. 6 IN. HIGH, CAST IN
ONE PIECE, PLACED AT SWANSEA, MASSACHUSETTS

T. F. McGANN & SONS CO.

Bronze Founders

120 PORTLAND STREET, BOSTON, MASS.

ESTABLISHED 1860

MANUFACTURERS REPRESENTED BY

H. A. SEELEY CO.

73 TREMONT STREET, BOSTON, MASS.

DAHLSTROM HOLLOW METAL DOORS AND TRIM COMPLETE THE FIREPROOF BUILDING



Elevator Doors and Cabs

Metal Doors, Frames and Trim

Elevator Inclosures Complete



Manufactured from Brass, Bronze, Copper or Steel. Finished by our baked-on-enamel process or shipped in natural brass, bronze and copper colors

THE SANYMETAL PRODUCTS CO.

CLEVELAND

OHIO

Mfg. of

Sanymetal

"Sanymetal
Gravity
Hinges"

*Toilet, Shower and Dressing Partitions and Hardware
Office, Factory, School and Hospital Partitions, Screens, etc.*

Reliance Fireproof Door Co.

77-103 Dobbin Street, 181-205 Banker Street

BROOKLYN

NEW YORK

Extruded Bronze Doors, Windows and Store Fronts
Kalamein Iron and Bronze Covered Doors Windows and Trim

Furniture, Steel Covered Doors and Frames

JOHN·POLACHEK·BRONZE·&·IRON·CO.^{INC}

DISTINCTIVE·METAL·WORK

476-494 HANCOCK ST. & 569-591 BOULEVARD

LONG ISLAND CITY, N.Y.

ARCHITECTURAL AND ORNAMENTAL BRONZE

OF EVERY

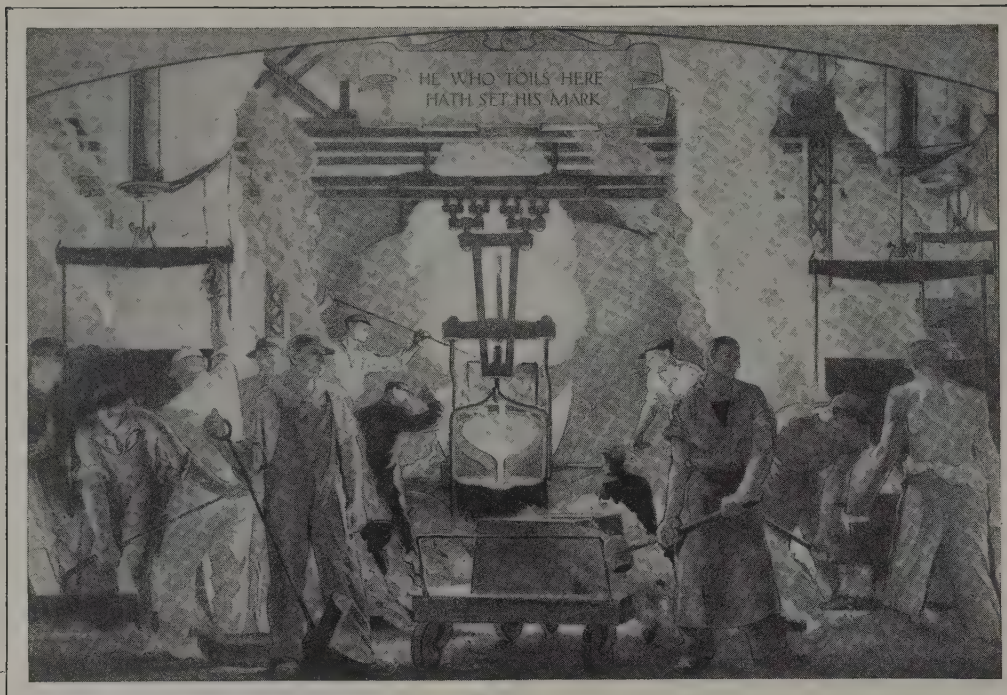


DESCRIPTION

PATENTED MULTIPLE POINT CONTACT BRONZE DOUBLE HUNG
AND CASEMENT WINDOWS

MEMORIAL TABLETS

SIGNS AND LETTERS



"Tapping a Cupola," mural painting by Arthur Covey for the Kohler Co. Administration Building, awarded gold medal of the Architectural League of New York at the International Exposition of Architecture and the Allied Arts, New York, April 20-May 2



Bell Tower
Kohler Administration
Building

The Kohler offices, the factory, the Village of Kohler, form a unique community, where neighborly interest and civic purpose find reflection in the quality of Kohler products—enameled plumbing ware and private electric plants

FOR his "Tapping a Cupola" and for another panel, "Pouring a Mould," Arthur Covey of New York received the Architectural League's gold medal for mural painting at the recent International Exposition.

Both works were executed for Kohler Co. for their new administration building at Kohler, Wisconsin. This impressive building, designed by Brust and Philipp, Architects, of Milwaukee, is a unit in the notable development in community planning which is known as Kohler Village.

A brochure describing this development will be gladly sent to architects and to others interested in community planning.

Kohler Co., Founded 1873, Kohler, Wis. Shipping Point, Sheboygan, Wis.
BRANCHES IN PRINCIPAL CITIES

KOHLER OF KOHLER

Enameled Plumbing Ware



Ravine Park, Village of Kohler

Every child who lives in Kohler knows the unspoiled beauty of trees, flowers and running streams. This unusual village is the complement of the quality of Kohler products — enameled plumbing ware and private electric plants

MATCHED beauty! When both bath and lavatory are of Kohler Enameled Plumbing Ware, they match perfectly in color, texture, and grace of line.

Kohler Ware is remarkable for its *uniformity* of color—for an immaculate snowy whiteness that says “Kohler” almost as plainly as the faint blue lettering fused into the enamel of every fixture.

Kohler lavatories are worthy of the finest bathrooms. With a wealth of patterns from which to choose, it is easy to find the pattern to insure for every installation the matched beauty that is so much to be desired.

Kohler Co., Founded 1873, Kohler, Wisconsin
Shipping Point, Sheboygan, Wisconsin

BRANCHES IN PRINCIPAL CITIES

KOHLER OF KOHLER

Enameled Plumbing Ware

NEW YORK

BOSTON

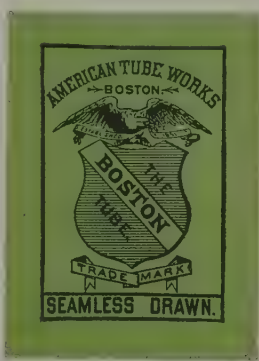
PHILADELPHIA

American Tube Works

ESTABLISHED 1851

10 OLIVER STREET

BOSTON, MASS.



Original Manufacturers in America of

SEAMLESS BRASS PIPE FOR PLUMBING

Guaranteed for Hot or Cold Water. Each and every length of pipe is stamped

“A. T. W. BOSTON”

on each end and bears our Green Trade Mark

WHEN SPECIFYING THIS PIPE PLEASE CALL FOR

“American Tube Works Brass Pipe”

We shall be pleased to furnish Architects upon application a complete set of our Architect's Samples of Seamless Brass Pipe, Standard Iron Pipe Sizes, with weight per foot stamped on each piece, and threaded with Standard Thread.

In Distant Lands



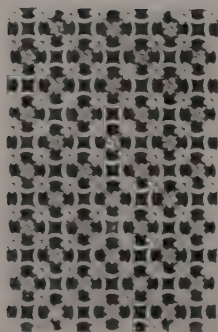
First National Bank of Boston, Buenos Aires, South America

CHAMBERS & THOMAS, Buenos Aires, *Architects*

YORK & SAWYER, New York, *Consulting Architects*

STONE & WEBSTER, Inc., Boston, *Supervising Engineers*

CAST FERROCRAFT GRILLES



and Registers are used exclusively in this handsome Buenos Aires Bank, the equipment needed constituting one of the largest orders ever exported.

Ferrocraft Bronze Metal Registers and Grilles are cast in Special Design No. 95.

TUTTLE & BAILEY MFG. CO.

Lexington Avenue and 44th Street, New York

No. 95

MAKERS OF REGISTERS AND GRILLS FOR SEVENTY-EIGHT YEARS

During 1925

an increasing number of
ARCHITECTS
specified and used Penco

Kalamein Doors
Steel Door Frames
Enameled Toilet Partitions
Metal Lath
Corner Bead

1926

During 1926, our 57th year of service, every effort will
be, to provide greater building economy,
still holding fast to the quality that has
brought us success.

1869

Penn Metal Company

675 CONCORD AVENUE
CAMBRIDGE, MASS.

NEW YORK

PHILADELPHIA

JERSEY CITY

PARKERSBURG, W. VA.

PORTLAND, ME.

*For artistic effects that harmonize
perfectly with surroundings*

Specify—

**DEXTER
SHINGLE STAINS**

DEXTER BROTHERS COMPANY

105 BROAD STREET, BOSTON



Charles A. Platt, Architect

The rugged texture and soft colorings of Tudor Stone Slate are wholly the result of natural processes. From the time it is taken from our quarries until it is installed as roof or flagging, Tudor Stone receives no treatment other than cutting and matching.

Tudor Stone
Roofs
and Flagging

Rising and Nelson Slate Company

46 • Cornhill • Boston • Mass •

Quarries and Main Office:

WEST PAWLET, VERMONT

Architects' Service Department

101 Park Avenue, New York City

Walter McQuade, Consulting Architect

CHICAGO

PHILADELPHIA

SINCE 1864 we have been placing Kitchen Apparatus and Equipment in growing ratio in the leading Hotels, Clubs and Restaurants of the Country.

Perfection of Quality

Honesty of Materials

Satisfaction

These points have earned for us our business.

WROUGHT IRON RANGE COMPANY

Eastern Branch

33-39 Bowker Street
Boston, Mass.

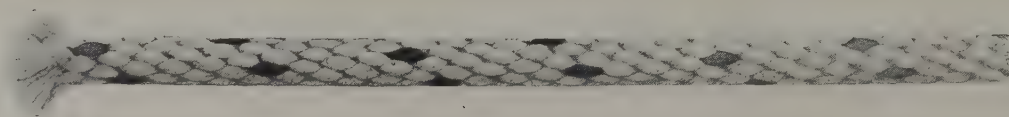
Home Office and Factory

St. Louis, Mo.

Western Branch

174 Market Street
Denver, Colo.

SAMSON SPOT SASH CORD



Trade Mark Reg. U. S. Pat. Off.

Made of extra quality stock, carefully inspected and guaranteed free from all imperfections of braid or finish. Can be distinguished at a glance by our trade mark, the Colored Spots, used only with this quality.

By using Samson Spot Cord you can assure your clients of uninterrupted service for twenty-five years or more. You will also protect them from the annoyance and expense of breaking cords, which will quickly begin if they use ordinary roughly braided cord.

Samson Spot Cord does not contain the large or loaded centre often found in common cord, which increases the weight and price per foot and greatly decreases the durability over pulleys.

The difference in cost between Samson Spot Cord and the cheapest kind is small in comparison with the expense of replacing one broken cord.

SEND FOR SAMPLE CARD

SAMSON CORDAGE WORKS

BOSTON, MASS.



Show Room of Edwin C. Lewis, Inc.

PENNELL, GIBBS & QUIRING CO.

203-205 CLARENDON STREET

BOSTON



Shakespeare Window in Great Hall

Robert L. Dodge Residence, Mill Neck, Long Island.

Harry Creighton Ingalls, Architect

Designed and Made by Charles J. Connick, Boston

BOSTON

NEW YORK

CHICAGO

STEEL SHELL
CONCRETE FILLED
SUPPORTING
COLUMN
ADAPTED TO ALL
FORMS OF
CONSTRUCTION



UNEXCELLED
FOR
WAREHOUSES
AND
UP-TO-DATE
MILL
CONSTRUCTION

LALLY COLUMN CO.

CAMBRIDGE, MASS.

*Ketchikan High School
Ketchikan, Alaska
Lawton & Moldenhour
(Architects)*



From Icebergs to Palm Trees



*Havana Yacht Club
Havana, Cuba
Mr. Rafael Goyeneche
(Architect)*

It's a long cry—geographically—from Alaska to Cuba; yet when the fame of a product has spread to all four corners of the earth, it is not extraordinary that we find Te-pe-co All-Clay Plumbing fixtures the choice of these two architects—one of whom builds a school in Ketchikan, and the other a yacht club in

Havana. Such a wide-spread market as Te-pe-co enjoys is not the result of a far-flung organization nor high-pressure merchandising. It is the natural consequence of putting into our products a standard of quality that is instantly recognized and appreciated by the most famous of our contemporaries.

The



TRENTON POTTERIES COMPANY

9 Tremont Place, Boston, Mass., U. S. A.

TRENTON SAN FRANCISCO NEW YORK



TE-PE-CO

ALL-CLAY PLUMBING FIXTURES

McCray Refrigerators

For All Purposes

PLANS AND ESTIMATES ON SPECIAL
EQUIPMENT GLADLY FURNISHED.
THERE IS NO EQUIPMENT TOO SMALL OR
TOO LARGE WHICH WE CANNOT FURNISH.

McCray---Boston

P. E. RINEHART, *Manager*
105 Washington Street Telephone: Capitol 4766, 7249

Davenport-Brown Company

SOMERVILLE, MASSACHUSETTS

SPECIALIZING IN

Custom Woodwork for Fine Residences
and
Public Buildings.

Equipped for Large Production



OUR REPUTATION—ESTABLISHED BY THIRTY-SIX YEARS OF ACCURATE COMPLIANCE WITH THE REQUIREMENTS OF ARCHITECTS, ENGINEERS AND ARTISTS—IS YOUR BEST ASSURANCE THAT, IN PURCHASING HERE, YOU ARE SECURING THE INDUBITABLY *BEST*

COMPLETE STOCKS OF
DRAUGHTING ROOM SUPPLIES
AND DRAWING INSTRUMENTS

THOROUGHLY EQUIPPED
FOR PERFECT SERVICE AND
QUALITY IN BLUE PRINTING

SPAULDING-MOSS Co.

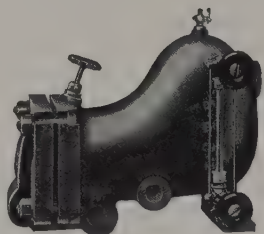
42 FRANKLIN
STREET



BOSTON
MASS

Everything for the Draughtsman





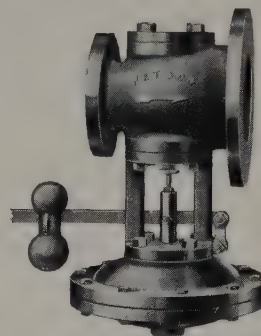
McDaniel Improved Steam Traps for Draining Steam Heating Work of Radiators or Coils, Kettles, Steam Tables and Dryers. Also made Extra Heavy for High Pressure Steam Lines.

We Manufacture
Pressure Regulating Valves
for all purposes

Steam, Water, Air and Gas

Pump Governors Relief Valves
 Ejectors and Suction Tees

OUR material is in successful use in many of the largest Power Plants in the country. Office Buildings, Hotels, Public Schools, Colleges, Railroad Shops, Paper Mills, Steel Works and other plants where regulation and saving of steam is a consideration.



Watson Atmospheric Reducing Valve for Low Pressure Heating. Will reduce from boiler pressure to any low pressure wanted on the outlet from ounces to 5 pounds of steam.

Watson & McDaniel Company

Manufacturers of

Steam Saving Appliances

Established 1878

146 North 7th Street

Philadelphia, Pa.

BOSTON

CAMBRIDGE

F. S. **PAYNE** CO.
ELEVATORS

NEW HAVEN

LOWELL

More than 3,000 Architects have speci- fied "Peelle" for freight elevator doors



*Peelle Kalamcin
Panelled Door,
three lights of
glass in upper
half.*

TO the architect, the engineer,
as well as the builder, this
vast preference is ample
testimony to the excellence of
PEELLE products. But of greater
significance is the regularity with
which architects repeat "PEELLE"
every time the installation of freight
elevator doors is required.

The PEELLE Company, Brooklyn, N. Y.
Boston • Chicago • Cleveland • Philadelphia
and 30 other cities

PEELLE
COUNTERBALANCED - TRUCKABLE
**Freight
ELEVATOR DOORS**



*The Peelle Catalog,
containing complete
details, will be glad-
ly sent on request.*



Fig. 106
Screwed Jenkins
Standard Bronze
Globe Valve



Fig. 370
Screwed Jenkins
Standard Bronze
Gate Valve



Fig. 168
Jenkins Bronze
Radiator Angle Valve,
with male union



Fig. 715
Jenkins Bronze Fire
line Angle Valve

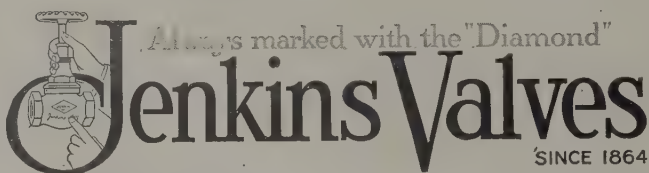
A pledge of the maker

The well-known Jenkins Diamond, which identifies all Jenkins Valves, symbolizes a pledge—the inviolate pledge of the maker that the excellence and quality for which Jenkins Valves have become renowned during the past sixty years will be unflinchingly maintained in the years to come.

JENKINS BROS.

524 Atlantic Avenue, Boston, Mass.

NEW YORK PHILADELPHIA CHICAGO





DUPARQUET

Manufacturers of

French Ranges, Kitchen Equipment, Utensils and Heavy Duty Electric Cooking Equipment

in addition to the Established Standards applying to Coal, Gas and Steam China, Glass and Silverware

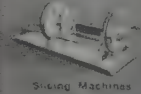
DUPARQUET, HUOT & MONEUSE CO.

108-114 West 22nd St., NEW YORK

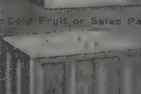
Boston, Mass. 90 North St. Chicago, Ill. 312 W. Ontario St.



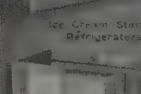
Electric Bake Ovens



Slicing Machines



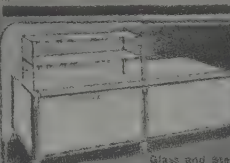
Cold Fruit or Salad Pans



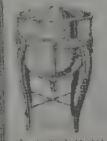
Ice Cream Storage Refrigerators



Service Refrigerators



Glass and Steel Cafeteria Counter



Jacketed Kettles



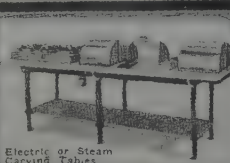
Meat Chopper and Mincer



Ice Cream Freezer



Mixer



Electric or Steam Carving Tables



Electric Broiler



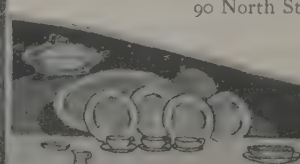
Oyster Cooker



Roll Carrier



Electric Urns and Warmer



Full Assortment of China and Glassware



Dish Washing Machines



Silver and Glassware



Zero

The
H. B. SMITH CO.
Boilers & Radiators

ZERO would tie up the water supply, endanger human life, and paralyze business were it not for modern heating systems.

The urge of business cannot permit the weather to disorganize its activities. A superior, dependable heating system gives its owners a tremendous advantage.

The H. B. Smith Co. boilers and radiators constitute such a system. They pay dividends where zero, or even weather of lesser severity, sometimes rules.

Moreover, they maintain high performance over a wide arc of demand. They carry the emergency load easily.

The H. B. SMITH CO.

SALES OFFICES & WAREHOUSES

New York
10 East 39th St.

Boston
640 Main St. Cambridge

Philadelphia
49th St. and Grays Ave.

Westfield, Mass.
57 Main St.

Equal to Any Emergency

Pioneers in Fuel Oil Burning
With 25 Years' Experience



Day, Night and Sunday Service
You See Our Trucks Everywhere

"The Modern Fuel"

FUEL OIL BURNING EQUIPMENT

FOR

RESIDENCES—OFFICE BUILDINGS—POWER PLANTS

PETROLEUM HEAT AND POWER COMPANY

NEW YORK

BOSTON

PROVIDENCE

STAMFORD

100 Boylston Street

Expression *In Textured Walls*

The modern architect selects rough surfaces to interpret his conceptions of interior and exterior wall treatment because only in texture can perfect expression be attained.

In Textone and Oriental Stucco, products of the United States Gypsum Company, the architect finds materials lending themselves to surfacing and tinting in a degree which assures (even with unskilled labor) interior and exterior walls that provide in color and texture a perfect complement to architectural design.

A knowledge of the possibilities of Textone and Oriental Stucco and a realization of the absolute dependence which can be placed upon these materials will prove of advantage to every architect. Your request for literature will be welcomed.

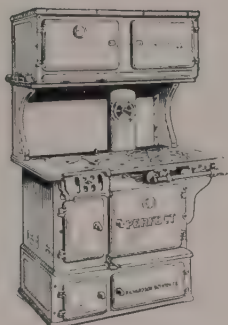
UNITED STATES GYPSUM COMPANY-Boston-Chicago

Makers of Quality Products for Interior and Exterior Walls

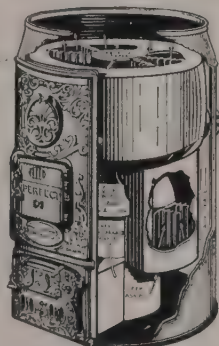
TEXTONE • ORIENTAL STUCCO

RICHARDSON

Heating and Cooking Apparatus



RICHARDSON "PERFECT"
COMBINATION ENAMEL
RANGE

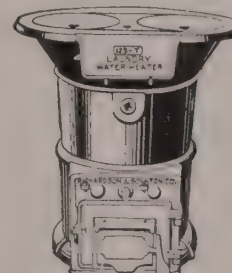


RICHARDSON "PERFECT"
POSITIVE WARM AIR
HEATER

TO say that Richardson heating and cooking apparatus was first manufactured eighty-nine years ago is impressive. But the point is that Richardson equipment today stands for the last word in scientific design and construction. Wherever better homes are built, architects and builders specify the "Richardson". The experienced for the confidence inspired by long years—and all for the practical up-to-the-minute advantages and economy of Richardson and Boynton Products.



RICHARDSON ROUND
BOILER



RICHARDSON HOT WATER
HEATER WITH
Galvoxide
Reg. U.S. Pat. Off.
WATER SECTION

RICHARDSON & BOYNTON CO.

*Manufacturers of "Richardson" "Perfect" Heating and Cooking
Apparatus since 1837*

94 FEDERAL STREET, BOSTON, MASS.

New York
Cleveland
Detroit
Chicago

St. Louis
Springfield, Mass.
Buffalo

Philadelphia
Albany
Providence

Minneapolis
Rochester, N. Y.
Newark
Pittsburgh



the ultimate Fuel ~

NOTHING BURNS BUT GAS so, wherever hard fuel is used a gas-making plant is in operation, and the valuable by-products of combustion are lost. For this reason, if for no other, Gas must eventually supplant raw fuels for all purposes where heat is required. However, there are other economic reasons why Gas is the ideal Home Fuel and should, therefore, be recommended in the architect's plans.

House Heating with Gas means absolute thermostatic control because gas heat is continuously uniform. Its quality is unvarying. The supply is reliable and the flow perfectly controllable. Gas Fuel furnishes clean heat. No soot, coal dirt, smoke or ash dust. No ashes to be carried out and hauled away. No blackened walls or dirty basements. Gas Fuel is most satisfactory of all from the Householder's viewpoint.

Auxiliary Heating by Gas Fuel is the most convenient method. Auxiliary Gas Heating appliances are now so well designed and beautiful in appearance as to be appropriate for any room in the home and any decorative scheme. They are a necessity for spring and fall home comfort as well as for extreme winter weather.

Hot Water Heating can be successfully accomplished only with the use of a Gas Water Heater. By this means the home has Hot Water instantly available from every hot water tap—in Laundry, Kitchen, Bathroom—at all times. The wide variety of Gas Hot Water Heaters permits the architect to arrange his hot water installation to suit the character of the plan and the cost of the house or other building.

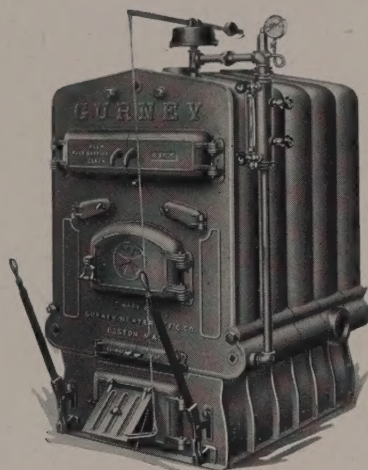
Gas for Industrial Use is the cleanest, most controllable and satisfactory fuel wherever heat is required. It is fast becoming the preferred fuel in Hotels, Restaurants, Bakeries; Coffee Roasting, Enameling, Metallurgical and a thousand-and-one other manufacturing plants. There is hardly a business requiring heat for any purpose to which Gas Fuel may not be profitably applied.

Our technical staff is at your service
to give full co-operation at all times

Boston Consolidated Gas Co.

Gas Fuel Saves Time and Labor

A Quality that Endures



Gurney

Boilers and Radiators

Show their real
merit when put to
the severest tests.

Fifty years in the
field of boiler and radiator building
enables us to assure you we can
satisfy your most exacting clients.

A Gurney
specification is a sensible
specification when you want
to specify the best.



GURNEY HEATER M'FG COMPANY

93-97 Oliver St.
Boston, Mass.

Comparative Pipe Costs Are Graphically Shown

IN THIS NEW BOOKLET



SEND FOR THIS
BOOKLET

*It contains instructive
information on pipe
costs and the best in-
stallation methods.*

WRITTEN primarily for the prospective home builder, "The Ultimate Cost" explains without technicalities why Reading Genuine Wrought Iron has a life two to three times that of steel. You as an architect will be interested in the valuable facts disclosed — particularly if you put yourself in the layman's place as you turn the pages.

We will gladly mail you a copy, and willingly discuss any piping proposition which you may be considering. Data on file at our office is at your free disposal, and our convenient location insures prompt personal service at all times.

READING IRON COMPANY

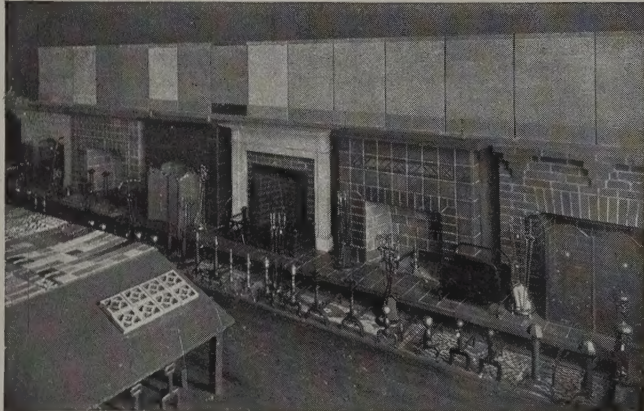
WORLD'S LARGEST PRODUCERS OF GENUINE WROUGHT IRON PIPE

161 Devonshire Street, Boston, Mass.

Main Office and
Plant:
READING
PENNSYLVANIA

READING PIPE

GENUINE WROUGHT IRON



Some Suggestions for Tiles and Tile Fireplaces

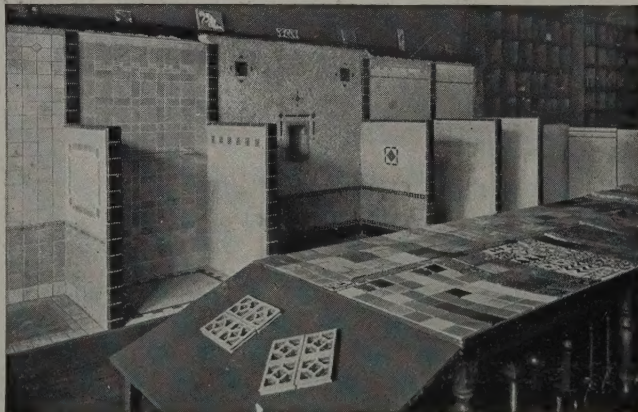
As displayed in our showroom

A display of tile fireplaces showing model installations, complete with andirons and screens.

Some examples of tiled floors and walls, showing patterns and color combinations.

A complete exhibit of both white and colored tile is on display for the benefit of interested architects, builders and property owners.

E. L. Freeman Co.
26 No. Washington Street
Boston, Mass.





It will pay you to send for the beautiful Type A book which Mr. Wolf shows to his clients. It tells, with interesting pictures, just why Type A is so efficient that it pays for itself in fuel saving. Simply address the office below.

When men
who build
for others
build homes
for
themselves ... what heating
equipment
do they specify?



© A. R. Co., 1925

"THE IDEAL Type A Boiler and Corto Radiators," answers Albert M. Wolf, of Wolf, Sexton, Harper and Trueax, Chicago Engineers and Architects.

"The Type A Heat Machine installed in my residence excels in economy of operation any other boiler I have had occasion to operate," he continues. "I have used Corto Radiators throughout; it is the logical choice for a residence, combining fine appearance and grace with high efficiency."

Most architects and engineers agree with

this. IDEAL Type A and Corto Radiators appeal to their sense of beauty.

But performance is even more important. The revertible flues of Type A, its tight-fitting doors, water-surrounded ashpit and fire-pot, and automatic damper control, give maximum efficiency. Corto, because of its slender, graceful columns, occupies a third less floor space than the ordinary radiator and heats up more quickly.

Send for the Type A and Corto books that give the full facts.

For sale by the Heating and Plumbing Trade everywhere

AMERICAN RADIATOR COMPANY

Dept. —, 1807 Elmwood Avenue, Buffalo, N.Y. Sales Offices in all principal cities



